



DP IB Business Management: HL



6.2 Business Management Toolkit Case Studies

Contents

- * SWOT & STEEPLE Analysis: AirBnB
- * BCG Matrix & Decision Trees: Starbucks
- * Business Plans & Descriptive Statistics: Sunset Sails Tours

SWOT & STEEPLE Analysis: AirBnB

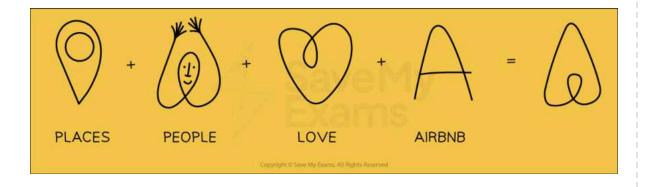
Your notes

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- This suite of decision-making tools is designed to help business leaders assess their current situation and implement strategies for the future
- To evaluate these tools, you can
 - Consider the reliability of the data fed into these tools
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- This evaluative approach will help you to apply your knowledge and to engage with decision-making as a process and a skill
- You will be assessed on your knowledge of important contemporary business topics through the the
 analysis of a fictitious or real business. The case study below provides an example of how to
 effectively use the business Management Toolkit

SWOT & STEEPLE Analysis: Airbnb

Airbnb is known as a cheaper, comfier alternative to hotels. It does not own properties itself; people offer to rent their homes, apartments, or rooms to strangers, providing income for the hosts and profits for Airbnb which collects a fee for each rental. In 2022 the business generated profit of almost \$2 bn from its operations in 191 countries and 34,000 cities. In recent years the company's worldwide expansion has led to a series of issues, though it has also brought several benefits.





Your notes

Airbnb provides jobs to hosts (people who periodically offer their homes to guests). For cities that lack hotels or motels this is a much-valued service. In the USA Airbnb benefits states by generating millions in spending and full-time-like jobs, particularly for low- and middle-income groups. In New York, Airbnb hosts and associated businesses have generated income of \$1+ billion and created over six thousand jobs. The business claims that its platform blends cultures and societies from different parts of the world, bringing diverse groups of people together.

As the global tourism industry was impacted by the pandemic *Airbnb* experienced a significant lag in growth during 2020 and 2021. Subsequent global economic contraction has continued to affect bookings despite the removal of travel restrictions. In early 2022, in response to hostilities in Ukraine, *Airbnb* suspended all operations in Russia and Ukraine, removed all fees for hosts in Ukraine, which encouraged members of the public began to make bookings in Ukraine with no intention of travelling as a way of providing financial support to residents facing hardship during the invasion and offered free accommodation to Ukrainians forced to flee their homes following the invasion.

Airbnb has faced fines and court proceedings in Barcelona, New York, and New Orleans because they've failed to follow local tourism laws. Some hosts don't follow established housing rules and in many cases tourist tax regulations have been ignored. Following media and public backlash, Airbnb now requires hosts to agree to terms and conditions agreeing to follow taxation, housing and tourism regulations.

The business takes social responsibility seriously. For example, the "social impact experience" allows non-profit organisations to host and receive 100% of profits.

Airbnb relies heavily on technology. Visitors book rooms on a dedicated app, which has over ten million global users, or through the website, which is also where guests leave reviews and seek support. The use of automation means that if a host doesn't respond to a guest's message Airbnb will automatically send a text on their behalf. Online webinars provide training and troubleshooting facilities for hosts.

Airbnb boasts that its model reduces energy usage within America and Europe compared to hotels. A recent business report highlighted how the company's business concept of the shared home uses existing resources, which is a sustainable practice to keep traveling eco-friendly. The brand also pays attention to waste reduction and saving energy. They want their hosts to ensure the limited resources to decrease the wastage of natural resources and water consumption. The company is keen to lower travel impact too and recently highlighted a key research finding that guests are 10–15 percent more likely to use public transportation, walk or bicycle as their primary mode of transportation than if they had stayed at a hotel.

Questions

- (a) Define the term ethical factors. [2 marks]
- (b) Explain **one** advantage and **one** disadvantage to *Airbnb* of conducting a SWOT Analysis. [4 marks]
- (c) Explain **two** threats that *Airbnb* may identify in a SWOT Analysis. [4 marks]
- (d) Using the STEEPLE analysis framework, evaluate the external environment in which Airbnb operates. [10 marks]





Examiner Tips and Tricks

When using any of the elements of the business toolkit, you should consider some of the following factors:

Source of the Data?	Context of the Data?	Purpose of the Data?
 Internal data may be biased as a result of managers keen to promote their own concerns or ideas External data may originate from unreliable sources 	 For what reason has it been collected? When, where and with which sampling method has it been collected? 	 Is there sufficient data to inform decisions? Is the data open to manager interpretation?

Asking these questions can help you to evaluate the usefulness of the business toolkit in supporting decision making.

Solutions to the Questions: AirBnB

(a) Define the term ethical factors. [2 marks]

Model Answer	Guidance & Commentary
The term ethical factors refer to the moral principles that govern decisions and actions within a business [1], including environmental and social responsibility, transparency and respect for workers' rights [1].	 Define questions require you to provide a full definition that demonstrates good knowledge and understanding
	 Examples are a good way to do demonstrate good knowledge and understanding
	 The model answer is awarded 2 marks because provides a clear definition of ethical factors with examples.



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(b) Explain **one** advantage and **one** disadvantage to *Airbnb* of conducting a SWOT Analysis. [4 marks]



Indicative content	Guidance
 Advantages of SWOT analysis include Logical structure which is easy to understand Encourages focus on strategic issues Disadvantages of SWOT analysis include Can quickly become out of date Requires expertise to conduct 	 In this type of explain question you can be awarded one mark for each correct advantage or disadvantage identified A further two marks can be awarded if you apply both the advantage and disadvantage to the business.
Model Answer 1	Commentary
An advantage of conducting a SWOT analysis is that it will help the business to understand its current position and provide information to allow a business to plan for positive or negative changes that might happen in the future [1 mark]. However SWOT analysis is only as good as the information that goes into it which could be affected by bias or poor research methods [1 mark]	 In this example, the candidate has been awarded 2 marks Whilst one valid advantage and one valid disadvantage have been provided, the response has not been applied to the business
Model Answer 1	Commentary
An advantage of conducting a SWOT analysis is that it will help Airbnb to understand its current position and provide information to allow Airbnb and its network of hosts to plan for positive or negative changes that might affect demand for short-term accommodation in the future [1 mark + 1 mark]. However SWOT analysis is only as good as the information that goes into it which could be affected by biased online customer or host reviews or poor research methods that fail to capture the realities of Airbnb's position as a global business [1 mark + 1 mark]	 In this improved response the candidate is awarded 4 marks One valid advantage and one valid disadvantage have been provided, and the response has been applied to the business



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Your notes

(c) Explain **two** threats that Airbnb may identify in a SWOT Analysis. [4 marks]

Indicative content	Guidance
 Threats to Airbnb include Conflict in Ukraine Regulations related to housing, taxation and tourism New competition entering key markets Worsening global economic conditions 	 In this type of explain question you can be awarded one mark for each correct threat identified A further two marks can be awarded if you apply both threats to the business.
Model Answer 1	Commentary
	■ This response has been awarded

(d) Using the STEEPLE analysis framework, evaluate the external environment in which Airbnb operates. [10 marks]

Indicative content	Guidance	
Social factors include	 This is a 'Level of response' answer where the examiner judges how well 	
Increased interest in 'off the beaten track' tourism	you have displayed the key skills of	
 Like-minded customers attracted to Airbnb's social responsibility model 	knowledge, application, analysis and judgement	
Technological factors include	 Your answer will need to show the following elements in order to gain 	
 Widely-used app and automation used to meet customer and host needs 	top marks:	



- **Economic** factors include
 - Global economic contraction affecting disposal income available for travel and tourism
- Environmental factors include
 - Lower carbon footprint compared to hotels
 - Efforts to reduce waste and save energy
 - Guests are more likely to use public transport
- Political factors include
 - Russia-Ukraine conflict has affected bookings in the region
 - States' restrictive housing, tourism and taxation policies
- Legal factors include
 - Fines and court proceedings in several cities relating to housing, tourism and taxation breaches
- Ethical factors include
 - Social impact experience supports non-profit organisations

- Appropriate business terms are used throughout
- STEEPLE analysis is explained clearly and applied purposefully
- The case study material is used in a way that significantly strengthens the response
- Chains of balanced analysis are evident throughout the response
- Judgments are relevant and well substantiated



Model Answer extract

In terms of legal factors, Airbnb has faced fines and court proceedings in several cities around the world for breaches of regulations related to housing, tourism and taxation, attracting lots of negative attention and therefore affecting the Airbnb brand. However, in response Airbnb now requires its hosts to commit to a set of terms and conditions that help to prevent further legal problems, negative media coverage and public backlash. This will help Airbnb to protect its reputation and support its social responsibility aims, allowing its hosts to continue to attract like-minded guests.

Commentary

- In this extract, the candidate has correctly used the STEEPLE analysis model
- They have used the case study material effectively to support both 'sides' of their analysis
- The chains of analysis are balanced, considering both positive and negative elements

BCG Matrix & Decision Trees: Starbucks

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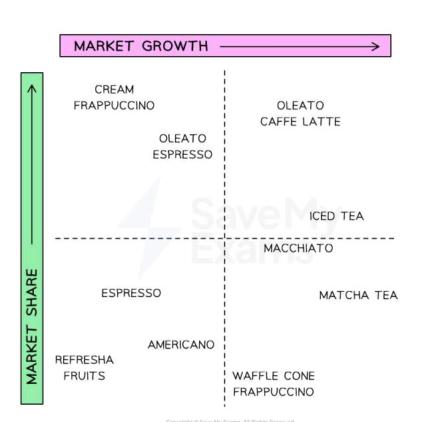
BCG Matrix & Decision Trees: Starbucks

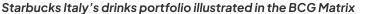
Starbucks Corporation is an American multinational chain of coffeehouses with its headquarters in Seattle. It is the largest chain of coffeehouses in the world, with more than 34,000 stores in 80 countries, including almost 16,000 in the United States and over 2,500 in Europe.

Starbucks offers hot and cold beverages including whole bean and micro-ground instant coffees, teas with and without leaves, juices, frappuccino drinks, pastries and snacks. Some offerings are seasonal or specific to the store location.

Despite widespread scepticism, the first Starbucks opened in Italy in 2018 and 25 stores now operate in the country, selling its best-selling portfolio of products as well as a popular Oleato range of olive oil coffee drinks, amongst many other Italian specialities. Some senior Starbucks Europe managers have suggested that the business should focus on strengthening its product range in Italy - a strategy that was undoubtedly a key feature of Starbucks' rapid growth in the UK - by investing \$4 million later this year in above the line promotional activity to increase sales of a selection of drinks brands.







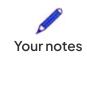
Alternatively, following its success in Italy, leaders at Starbucks' US headquarters are looking to expand the brand to one the few remaining European countries where it does not presently operate, with coffee-culture Croatia at the top of its list. They are keen to open a flagship city-centre store in Dubrovnik in time for the next summer season at a cost of \$8 million. Extensive market research over a number of years has revealed some significant issues with this idea:

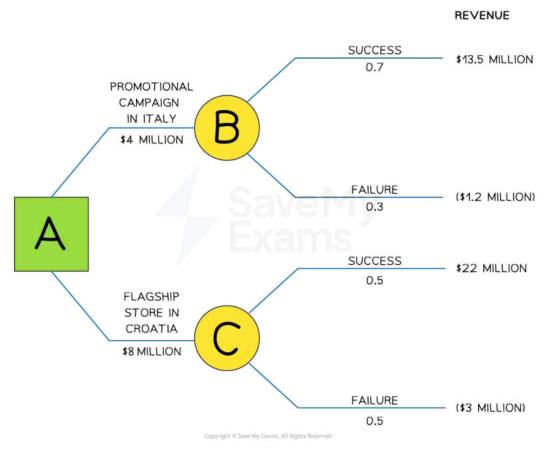
- Starbucks menu items and cafe layouts are designed for high traffic and rapid customer turnover whilst, for Croatians who love to linger, enjoying coffee with friends is something over which time is taken
- Cafes already exist all over the country including much loved chains such as Quahwa, D16 Coffee and Cogito Coffee, each of which enjoy strong customer loyalty
- On average, a medium-sized cup of coffee in Croatia costs less than one Euro, half the price Starbucks typically charges in other European countries

In order to help senior managers decide which strategy to pursue in Europe a decision tree diagram has been devised.









A decision tree diagram detailing Starbucks Europe's two strategic choices

Questions

- (a) Define the term product portfolio. [2 marks]
- (b) Explain **one** advantage and **one** disadvantage to *Starbucks* of using decision trees in determining business strategy. [4 marks]
- (c) Use the decision tree diagram to calculate the expected values of
- (i) the promotional campaign in Italy
- (ii) the opening of a flagship store in Croatia [4 marks]



(d) Using the BCG Matrix of Starbucks' drinks portfolio in Italy, as well as further information from the case study, recommend the products that Starbucks should select as its focus for increased promotional spending. [10 marks]





Examiner Tips and Tricks

Remember, a group of business decision-makers may look at the same data and make different judgements. When you make use of the business toolkit, try to avoid assumptions because they can confuse the end users of the analysis and encourage (or discourage) a particular view.

In general, analysis doesn't belong **within** the tools - it is what managers do afterwards, when presented with data in these powerful forms.

Solutions to the Questions: Starbucks

(a) Define the term product portfolio. [2 marks]

Model Answer	Guidance & Commentary
A businesses product portfolio is its complete range [1] of goods and services currently available for customers to purchase [1].	 Define questions require you to provide a full definition that demonstrates good knowledge and understanding The model answer is awarded 2 marks because it is precise and uses related business terminology correctly

(b) Explain **one** advantage and **one** disadvantage to *Starbucks* of using decision trees in determining business strategy. [4 marks]

Indicative content	Guidance
 Advantages of decision trees include Decision trees may reveal options that haven't previously been considered 	 In this type of explain question you can be awarded one mark for each correct advantage or disadvantage identified
naven i previously been considered	 A further two marks can be awarded if you apply both the advantage and disadvantage to



- Managers have to consider risks associated with their choice ahead of implementation
- Disadvantages of decision trees include
 - Constructed using estimates which rarely include all possible eventualities
 - Qualitative elements such as human resource impacts are not considered

the business

 You should ensure that your response refers to determining business strategy



Model Answer

An advantage of using decision trees to determine business strategy is that it allows two choices, such as Starbucks' proposal to spend \$4 million on promotional activity or \$8 million opening a flagship store in Croatia to be compared, even though they require very different levels of investment [1 mark + 1 mark].

However it takes a lot of time to construct and accurately interpret decision tree diagrams as it requires significant amounts of research to ensure it is as reliable as possible and, as Starbucks wants to embark on both of the two options very soon, there is little time to carry out this research which may mean that the decision tree is misleading and an inappropriate strategic decision is made. [1 mark + 1 mark].

- (c) Use the decision tree diagram to calculate the expected values of
- (i) the promotional campaign in Italy

Step 1: Multiply the expected value of success of the promotional campaign by the probability

$$13.5 \text{ m} \times 0.7 = 9.45 \text{ m}$$

Step 2: Multiply the expected value of failure of the promotional campaign by the probability

$$1.2m \times 0.3 = 0.36m$$

Step 3: Add these two values

$$$9.45 \text{ m} + $0.36 \text{ m} = $9.81 \text{ m}$$

Step 4: Deduct the cost of the promotional campaign to identify the expected value

$$$9.81 \text{ m} - $4 \text{ m} = $5.81 \text{ m}$$



The expected value of the promotional campaign in Italy is \$5.81m

(ii) the opening of a flagship store in Croatia

Step 5: Multiply the expected value of success of the flagship store by the probability

$$$22.0m \times 0.5 = $11.0m$$

Step 6: Multiply the expected value of failure of the flagship store by the probability

$$$3.0m \times 0.5 = $1.5m$$

Step 7: Add these two values

$$11.0m + 1.5m = 12.5m$$

Step 8: Deduct the cost of the flagship store to identify the expected value

$$12.5m - 8m = 4.5m$$

The expected value of the flagship store in Croatia is \$4.5m

[4 marks]

(d) Using the BCG Matrix of Starbucks' drinks portfolio in Italy, as well as further information in the case study, recommend the products that Starbucks should select as its focus for increased promotional spending. [10 marks]

Exemplar structure

Part	Knowledge & Application	Balanced Analysis	Judgement
Introduction	 Define BCG matrix and its elements Identify suitable 'star', 'question mark' or 'dog' products 		
Recommendation 1	Suggest a suitable product	 Provide a developed advantage and disadvantage 	

Page 13 of 22

Your notes



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	 Describe its position in the Boston Matrix 	 Make use of evidence from the case study in your chains of analysis 	
Recommendation 2	 Suggest a second suitable product Describe its position in the Boston Matrix Compare its position to the first recommendation 	 Provide a developed and advantage and a developed disadvantage Make use of different evidence from the case study within chains of analysis 	 Consider why this recommendation may be better (or worse) than the first
Recommendation 3	 Suggest a third product recommendation from a separate matrix quadrant Describe its position in the Boston Matrix Compare its position to the first and second recommendations 	 Provide a developed and advantage and a developed disadvantage Make use of different evidence from the case study within chains of analysis Consider the validity of evidence 	 Consider why this recommendation may be better (or worse) than other recommendations Weigh up aspects such as risk and cost
Conclusion	 Identify other tools that may aid decision- making in this instance 	 Develop chains of applied reasoning to support your choice(s) Provide a further chain of reasoning to justify rejected option(s) 	 Make a clear decision, using the case study Consider the other factors that may impact the final decision managers may make





Business Plans & Descriptive Statistics: Sunset Sails Tours

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Business Plans & Descriptive Statistics: Sunset Sails Tours

Sunset Sails Tours was established in 2005 as the first catamaran excursion business to operate in the beautiful harbour town of Manuel Antonio, Costa Rica. Its mission is to provide the best tourist catamaran boat cruise service in the coastal Quepos region.







Sunset Sails Tours offers daily small-scale sailing tours which include refreshments and snorkeling equipment for adults and children. Tours provide opportunities for dolphin, turtle and whale spotting. With its focus on providing excellent customer service, the business receives outstanding reviews from satisfied holiday makers.

Keen to expand the business, the owners of *Sunset Sails Tours* have carried out limited primary and secondary market research to identify suitable growth strategies. Some of the results are shown below.







Fig. 1: Confirmed Corporate Hotel Bookings in Quepos: August 2023 to January 2024

Fig. 2: Sunset Sails Tours: Trip Advisor Ratings – July 2023

Trimaran model	Costs (\$)	Capacity (Passengers)
FL479X	430,000	14
SunSailor T	390,000	12
DMAX 800	520,000	14
Bateux Sol Ranger V	450,000	10

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Fig. 3: Purchase prices of nearly-new trimaran models - June 2023

They have decided to pursue a strategy of market development by offering larger scale catamaran tours to corporate groups, which they intend to launch in time for the International Conference on Environmental Pollution and Prevention in October 2023. This will involve the purchase of a larger trimaran sailing boat for



which external finance will be required and the owners have drawn up a business plan before approaching the local bank.



Questions

- (a) Define the term 'primary market research'? [2 marks]
- (b) Using the market research data:
- (i) Calculate the mean Trip Advisor rating received by Sunset Sails Tours up to July 2023 to one decimal place. [2 marks]
- (ii) Calculate the median price of nearly-new available trimarans. [2 marks]
- (c) Explain **one** advantage **and one** disadvantage to *Sunset Sails Tours* of calculating the standard deviation of confirmed corporate hotel bookings. [4 marks]
- (d) Discuss the implications for Sunset Sails Tours Ltd of producing a business plan. [10 marks]

Solutions to the Questions: Sunset Sails Tours

(a) Define the term 'primary market research'? [2 marks]

Model Answer	Guidance & Commentary
Primary market research is the collection of original, first-hand data [1] using tools such as surveys, focus groups or observation [1].	 Define questions require you to provide a full definition that demonstrates good knowledge and understanding Examples are a good way to do demonstrate good knowledge and understanding
	 The model answer is awarded 2 marks because provides a clear definition of primary market research with examples

(b) Using the market research data:

(i) Calculate the mean Trip Advisor rating received by Sunset Sails Tours up to July 2023 to one decimal place. [2 marks]



Step 1: Calculate the total volume of reviews

$$537 + 60 + 17 + 13 + 16 = 643$$

Step 2: Calculate the total of all review ratings

$$5 \times 537 = 2,685$$

$$4 \times 60 = 240$$

$$3 \times 17 = 51$$

$$2 \times 13 = 26$$

$$1 \times 16 = 16$$

$$2685 + 240 + 51 + 26 + 16 = 3,018$$

Step 3: Divide the total of all review ratings by the volume of reviews

$$3,018 \div 643 = 4.69$$

Step 4: Round the outcome to one decimal place

$$4.69 = 4.7$$

(ii) Calculate the median price of nearly-new available trimarans. [2 marks]

Step 1: Place the trimarans in order, from smallest to greatest price

Sunsailor T	FL 479X	Bateux Sol Ranger V	DMAX 800
\$390,000	\$430,000	\$450,000	\$520,000

Step 2: Identify the two mid-price trimarans

FL 479X	Bateux Sol Ranger V
\$430,000	\$450,000

Step 3: Calculate the half-point value between these two trimarans

 $(\$450,000 + \$430,000) \div 2 = \$440,000$



(c) Explain **one** advantage **and one** disadvantage to *Sunset Sails Tours* of calculating the standard deviation of confirmed corporate hotel bookings. [4 marks]

Indicative content	Guidance
 Advantages of calculating standard deviation include It gives an accurate idea of how the data is distributed It is less affected by data fluctuations than other statistical methods Disadvantages of calculating standard deviation include It is more complex to calculate than other statistical methods Standard deviation gives more weight to outlying data 	 In this type of explain question you can be awarded one mark for each correct advantage or disadvantage identified A further two marks can be awarded if you apply both the advantage and disadvantage to the business.
Model answer 1	Commentary
An advantage of using standard deviation is that it is a reliable and widely-used statistical tool that takes into account all of the relevant data [1 mark]. However standard deviation is complex to calculate and may need an expert to interpret correctly [1 mark].	 In this example, the candidate has been awarded 2 marks Whilst one valid advantage and one valid disadvantage have been provided, the response has not been applied to the business
Model answer 2	Commentary
An advantage of using standard deviation of confirmed hotel bookings is that it is a reliable and widely-used statistical tool that takes into account all of the relevant data over the five months of hotel bookings in which Sunset Sails Tours is interested [1 mark + 1 mark]. However standard deviation is complex to calculate and may	 In this improved response the candidate is awarded 4 marks One valid advantage and one valid disadvantage



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need an expert to interpret correctly which, as a small local business, Sunset Sails Tours is unlikely to employ [1 mark + 1 mark].

have been provided, and the response has been applied to the business



(d) Discuss the implications for Sunset Sails Tours Ltd of producing a business plan. [10 marks]

Indicative content	Guidance
 Implications of producing a business plan include: Detailed research related to a new market segment is required → initial research already compiled is unlikely to be sufficient Effective business plans require time and expertise to construct → does this small, local business have this expertise or time to produce such a plan? The business has a clear mission and growth objective → this is likely to help in developing a focused business plan 	 This is a 'Level of response' answer where the examiner judges how well you have displayed the key skills of knowledge, application, analysis and judgement In particular your answer will need to show the following elements in order to gain top marks: Appropriate business terms are used throughout Business plans are explained clearly and knowledge applied purposefully The case study material is used in a way that significantly strengthens the response Chains of balanced analysis are evident throughout the response Judgments are relevant and well substantiated
Model answer extract	Commentary
Overall, producing a detailed and thorough business plan would be likely to play an important role in persuading the bank to finance the purchase of a new trimaran. The lender will be able to analyse the financial performance of the	 In this judgement extract, the candidate demonstrates clear knowledge and understanding of the business plan



business as well as the research it has conducted to determine whether it is in a position to pay back upwards of \$350,000 and whether the idea has commercial merit. It is likely, though, that other factors such as Sunset Sails Tours' past credit history as well as how convincing their case is presented by the business owners will influence the bank's decision and the business plan should be seen as just one, albeit influential, part of the finance application.

- They have used the case study material effectively to support the judgement
- Judgement is balanced and reasoned, considering 'both sides' of the point and considering wider factors

