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Practice Assignment 2

Exercise 2-1

Businessman would like to build a restaurant website where customer can view all restaurants inside website. Also, he can add review to any restaurant. In addition, he can search for any restaurant name. Also, low rating restaurants must be removed from website.

Team of two software Engineering decided to build the restaurant website.
Note that each member works 8 hours daily for only five days per week.

1. Design the product backlog and sprint backlog
Do not forget to mention the estimated working days (size estimation of each user story)
and priority of each user story.

Exercise 2-2

The following product backlog was designed by two software engineering experts.

ID	User Stories	Estimated (working hours)	priority
1	As a user I want to search for restaurant name or to filter restuarants based on ratings	8	High
2	As a user I want to add a review on any restaurant	10	Low
3	As a user I would like to view all restaurants	6	High
4	As a user I would like to view each restaurant profile	6	Medium
5	As a user I want to create an account on website	20	High
6	As a user I want access my account on website	20	High
7	As an admin I can delete a restaurant from website	8	Medium
8	As an admin I can add new restaurant to website	8	High
9	As an admin I can give authorization to restaurant owner user to create or edit his restuarant profile	4	Medium
10	As a owner Restaurant user I can edit my restaurant profile	15	Low
11	As a owner Restaurant user I can create my restaurant profile	15	Medium

The two software engineering experts decided to build website.
Each team member works for 20 hours per week.

1. Design the sprint backlog
2. Will the team be able to deliver project within a month ? Justify your answer

Exercise 2-3

The product backlog in Ex 3.1 used working days as an estimate for time taken to finish user story in other words it is the size of the user story . However, The product backlog in Ex 3.2 used working hours as an estimate.

Which is better between working days and working hours as estimate in product backlog ?
Justify your answer

Exercise 2-4

Explain the differences between overestimate and underestimate in terms of time taken to complete project.