

Project Manager Test Task

Description: Test task is a fictive situation where you are required to optimize delivery and manage the product/client experience.

Scenario: You have 2 clients to manage and one development team as a resource. You have to delegate the resource properly in order to achieve the different development responsibilities. You have 1 month to deliver all the features.

Team:

- 2 back end developers
- 1 front end developer
- 1 UX/UI designer
- 1 QA

Client A wants to add an important payment feature and introduce Apple Pay as a way of completing payments, while **Client B** wants more filters in the database and a new page on the platform with a chat bot to inform his customers about the status of their order.

1. Design and present briefly the flow of meetings and day to day in order to hit the goal of delivery in 1 month
 2. How would you set SCRUM methodology in this case, what else would you propose?
 3. How would you calculate the team's capacity?
 4. What are the necessary documents and information you will need before you start?
 5. Define 3 tasks (user stories)
 6. How would you define task dependencies?
 7. After the grooming meeting you get the dev team estimations.
 - a. Task 1 - apple pay > 1 month of work, 50% backend work 50% front end
 - b. Task 2 - website redesign > 2 weeks front end work
 - c. Task 3 - new filters > 2 weeks back end work, 3 days front end
 - d. Task 4 - chatbot > 2 weeks back end work, 1 week front end
- How do you allocate resources to ensure delivery of full tasks?

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- Define dependencies and create a gantt chart
 - Any red flags to the CEO?
8. You are 2 weeks into the sprint when the front end developers start implementation of Apple Pay, you realize you don't have an apple phone.
- a. What do you do?
 - b. After solving a. You realise that you don't have access to Apple Pay in Serbia as you are not a verified country. How do you solve this problem?
 - c. 2 days in you realise that all the technical blockings will delay your task for 1 week, how do you reallocate resources
9. You employed an intern for front end development. Intern is half time employed and his productivity is 50% as he is just learning, however he is decreasing the productivity of your main front end dev to 80%, do capacity planning again and make another delivery roadmap with the new updated resources.

Good luck!