

SOFTWARE ENGINEERING LAB TASKS-TEAM 14

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Task1: (Product Delivery Platform)

What could cause a miss in your deadline?

Poor resource management, deviation from the development model that is supposed to be followed, no clarity of the goal to be achieved, low effective usage of resources.

What will keep your project on time?

Clear and complete definition of the whole system, appropriate planning and design, ability to cope up to the increasing complexity of the system as the scope of the system may increase beyond original plans, active involvement of the customers.

What does this project need that you don't have?

Unclear customer requirement, improper resource requirements which could lead to improper resource and skill requirements.

What do you already have that your project needs?

Thorough market and competitor analysis, proper risk management. Skill in the domain of developing web-apps.

What are you worried about?

Unable to meet the deadline, increased complexity of the project midway due to increased scope of project, pressure from competitor's newly implemented features, whether the end product will keep up with the already existing competition.

What are you excited about?

Success of the project (for ex. Acceptance of the product in the market and to keep up to the current competition), smooth execution of the project development without any major hiccups.

What could go wrong in this project?

No clear requirement from the customer, Performance of resulting system may not be optimal, poor planning and design, poor management visibility, extension of deadlines due to scope.

What could go right with this project?

Upfront planning when customer requirement are clear, appropriate people and skill selection. Product made and delivered successfully.

Mention the points that you feel are going to be risks and successes.

(Hint: To identify successes, ask yourself this question – “What’s the opposite of this risk?”)

Risks:

- Client cancelling partnership/offer due to slow progress.
- Limited resources lead to limited scaling

- Being targeted by outsider/attackers due to attack vectors.
- Code leakage

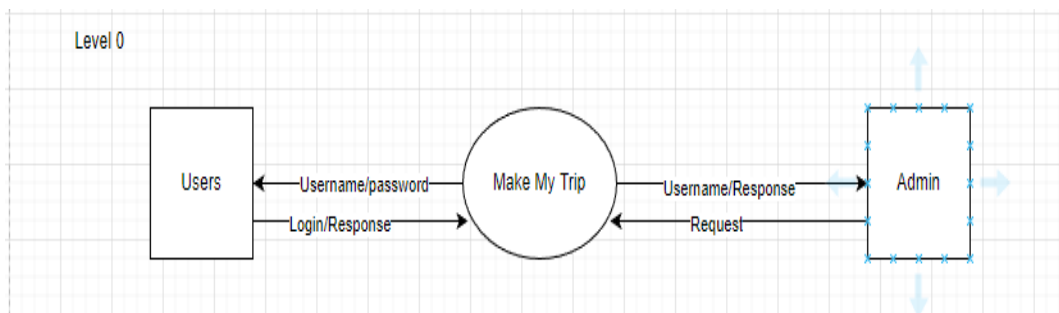
Successes:

- Product integrates well into the market
- Scaling of product using cloud services
- Product security
- Privacy and integrity maintained

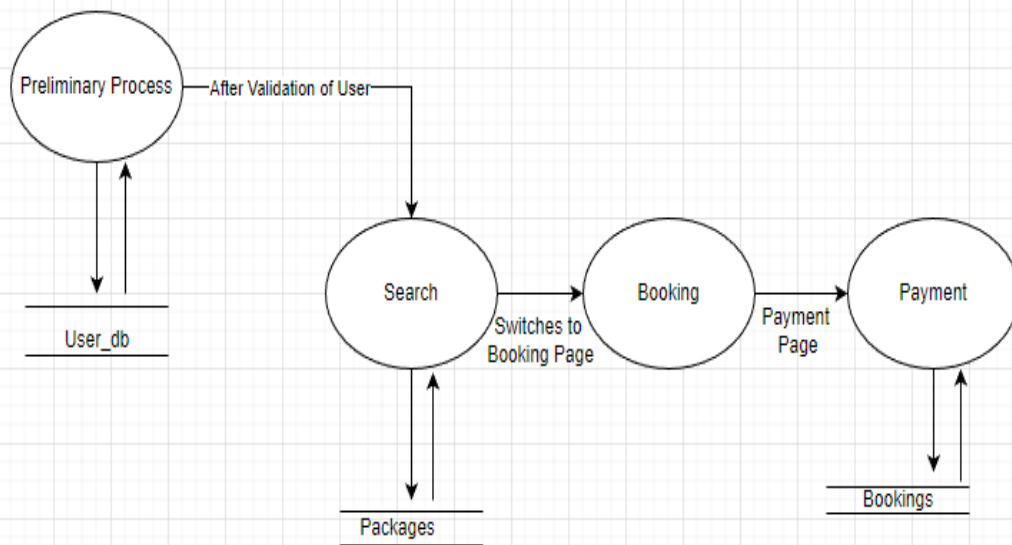
Problem Statement –3:

Explore the MakeMyTrip website <https://www.makemytrip.com/>.

Write the minispecs and draw the top level DFD, first level decomposition and second level composition for the MakeMyTrip website.



Level 1



Level 2

Level 2

