UE20CS303 SE LAB

TEAM 17
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Problem Statement 1

1)What could cause a miss in your deadline?
- Not ensuring the availability of programmers in the right quantity and quality;
- Ignoring the presence of inaccuracies, incompleteness, and inconsistency in the requirements for the product;
- Not influencing the formation and development of the development process
- Ignoring the problem of frequently changing requirements;
- Not ensuring the implementation of the established process both among their team and in other departments;
- Not noticing personal problems of the team members and thus not solving them;
- Not controlling the progress of work;
- Not discussing the timing and deadlines with the team;
- Making a promise to perform tasks for which the deadlines were not assessed and set.

2)What will keep your project on time?

- Determine the Project's Scope and Objectives
- Coordinate and Communicate
- Reserve Time for Unexpected Issues
- Break Down the Project into Smaller Tasks
- Review the Project's Progress Frequently

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

- Investors
- Capital
- Human Resource

4)What do you already have that this project needs?

- Prior knowledge of required software,programming language and technologies
- Required hardware

5)What are you worried about?

- Unable to meet client's requirements to their satisfaction
- Budget going out of hand
- Time extension

6)What are you excited about?

- Client being satisfied with the product
- Flourish well in market
- Making profits , up the sales

7)What could go wrong with this project?

- Miscommunication between the client and our team
- Missing the deadline
- Not getting enough resources

8)What could go right with this project?

- All deadlines and targets met
- Product completed and delivered successfully

Risks:
- Client canceling partnership/offer

- Limited resources limiting scaling
- Being targeted by attackers
- Code leakage

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

Problem Statement 3
MINISPECS
Identification: SEARCH
Description:
1 Login
1.1 User logins to his account
1.2 If the user login is successful, the user is allowed
 to search for his flights/hotels. If the user login is unsuccessful, go back to the login page.
2 Search
 2.1 Enter valid Source city, Destination City and the Departure date
 2.2 If the user enters valid details, go to the database and display the list of flights/hotels in the sorted order w.r.t their price
 If the details are invalid, the default website details will be taken
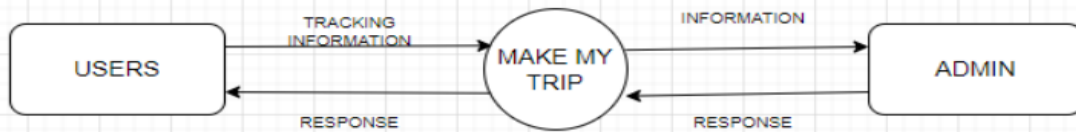### 3 Book Flight/Hotel
 3.1 The user can choose among the available options and proceed to the booking page.
 If the user is unsatisfied with the options, he can go back to the search page
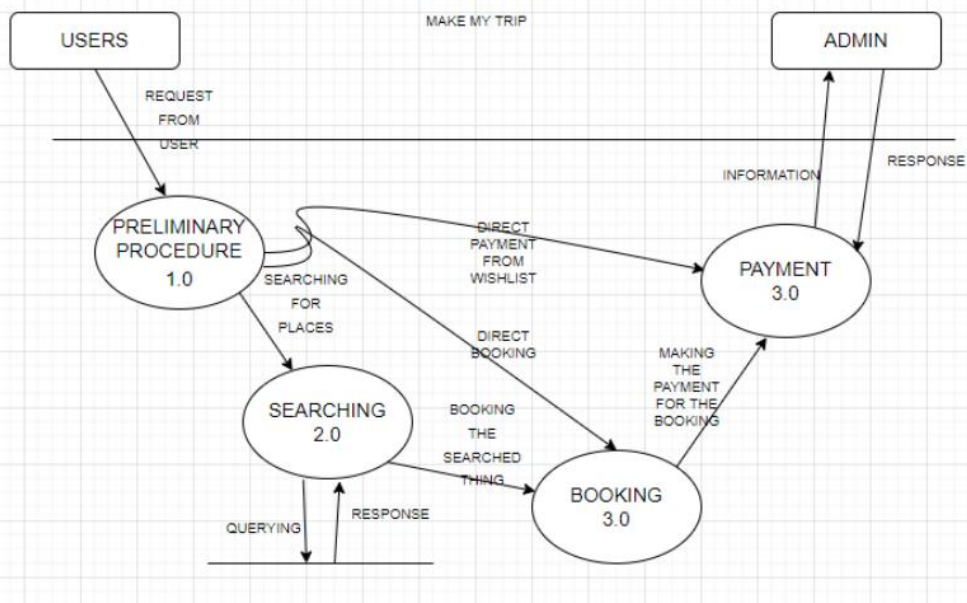
TOP LEVEL DFD

LEVEL 1 DFD

LEVEL 2 DFD

SECOND LEVEL DECOMPOSITION -DFD

MAKE MY TRIP

Second level decomposition for BOOKING

USER'S
CHOICE
OF
DETAILS

USER
CHOICE
OF
HOTELS

PAYMENT

VIEW THE CHOICES
3.1

BOOKING HOTEL
3.3

USER
WILL
ENTER
DETAILS

USER
CHOICE OF
TRANSPORT

TRANSPORTS(
FLIGHTS OR TRAIN)
3.2