Fundamentals of Software Project Management

Project Plan

Establish project scope and objectives:

1. When we start getting proper positive feedback with the rating from the customer, its the sign that the project is successful.
2. The boss of this project will be the project manager (Mr.Hamza).
3. **Stakeholders:**
   1. Hotel manager (client)
   2. Hotel owner
   3. Hotel finance department
   4. public
4.
5. Every weekend, the meeting will be arranged with the hotel manager in which progress of the project will be discussed.

Establish project infrastructure:

1. They want the project to accommodate changes of the real world. As most of the things are just one click away, the hotel management also want them to be competitive in this regards.
2. We will develop the project in react native as it is cross platform and every type of user can get benefit from it.
3. Project team have to be experienced so that the project will be completed in defined time and budget.

Analysis of project characteristics:

1. The project is product base as the functionalities are defined well.
2. The difference of this project is, it is specified to one hotel and functionalities will be developed according to their rules.
   And we will go with the incremental approach as it will be better according to the project and requirements.

Identify project products and activities:

1. We have to produce the product with the working functionality in each increment.
2. Check points are needed if the user wants to pay online or cash.

Estimate effort for each activity:

1. The estimated time for this project is 7 months. And there is high probability of achieving this target.

Identify activity risks:

1. There is risk of not completing allocated time.
2. We will keep in touch with the manger so that he know where the project lies.
3. The navigation functionality can take more interval than estimated. So, we will allocate more time to this increment.

Allocate resources:

1. Each increment should not take more than 3 weeks.

Review / publicize plan:

1. The product will be able to handle maximum 150 users at a time.

Execute plan and create lower level plans: