



P02 – Inception phase activities for Unified Process

REQUIREMENTS GATHERING AND ANALYSIS

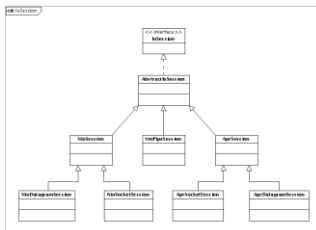
UML (Unified Modeling Language) will be used for information gathering and analysis. Using this model information can be classified and organized for understanding purposes.

Mainly class diagrams and activity diagrams will be used for representational purposes.

Class diagrams

Class diagrams and activity diagrams are a type of structure diagrams. Structure diagrams emphasize the things that must be present in the system being modeled. They are used extensively in documenting the software architecture of software systems.

Also as an object oriented approach is taken, class diagrams allow to identify separate classes required to design the objects and to gain an overall understanding with less effort.

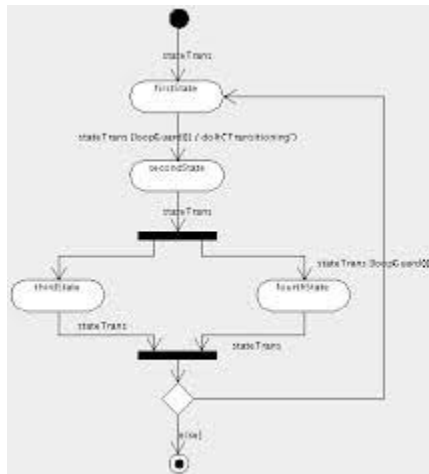


Activity diagrams

Activity diagrams are a type of behavior diagrams. This describes the dynamic aspect of the system where as class diagrams describe the static aspect of the system.

Activity diagram is basically a flow chart to represent the flow from one activity to another activity. The activity can be described as an operation of the system.

So the control flow is drawn from one operation to another. This flow can be sequential, branched or concurrent. Activity diagrams deal with all type of flow control by using different elements like fork, join etc.



INCEPTION PHASE

Vision of the system

The vision of the system is to establish a situation where tourists can directly have contacts with the company rather than contacting through travel agents. Therefore customer satisfaction will increase and the company will have access to a wider market.

Business case of the system

Since bookings are done through an online system, the transaction cost involved will be greatly reduced. Salaries paid to the employees and also overheads involved can be eliminated.

However there may be additional investments required in the acquisition and development of the website. But these costs will be outweighed by the benefits because of the increased revenue from improved sales.

Scope of the system

The system will be restricted to an online booking system and online payment system. This will be developed as a centralized server. Therefore all the branches of the company will have access to real time information.

One of the branches will be selected as a model when developing a system. Because a prototype system is used customer will have the opportunity to suggest changes in the initial stages.

Estimate of the cost

Skilled Labour (5 * 25 * 40 hours)	Rs. 5000
Website host server	Rs. 10000
Total	Rs. 15000