

Team Meeting-7

14 MARCH 2021 / 01:00 PM / ZOOM CONFERENCE ROOM

Attendees

Samarth, Priyank, Parth, Harsh, Kishan, Preyanshu, Dhruv, Yugam

Agenda

Diagram Discussion and distribution

Notes

Meeting Details

1. Goal
 - Discussion about which diagrams are required
 - List down the number of diagrams which will be documented
 - Divide the diagram creation between team members
2. Discussion
 - Discuss all the diagrams requirements and divide them between group members.

Action Items

1. Discussion
 - Required diagrams
 - Use case
 - Use case diagram used to model the dynamic nature of the system.
 - Use case diagrams specify the events of a system and their flows.
 - Use case help to identify the interaction between internal and external factors.
 - Use case represents the relationships among the use cases and actors.

■ Data flow diagram

- Data flow diagrams provide a graphical representation of how information moves between processes in a system.
- Data flow diagrams follow a hierarchy.
- To understand what will be the flow of the data in the system.

■ State diagram

- A state diagram is used to represent the condition of the system or part of the system at finite instances of time.
- It represents the behavior using finite state transitions.

■ Entity-relationship (ER) diagram

- visually shows the various entities (tables) and relationship between entities i.e., how two tables are interrelated and their cardinality. E.g., one to one, one to many or many to many.
- ER diagrams also show attributes (columns), the keys (primary, secondary, composite, unique...) for each table.

■ Activity diagram

- Activity Diagram captures the dynamic behavior of the system
- Used to show message flow from one activity to other.
- Activity diagrams are not only used for visualizing the dynamic nature of a system, but they are also used to construct the executable system by using forward and reverse engineering techniques.

- After this discussion, we have decided to volunteer for the diagrams by ourselves.

2. Conclusion

- At the end of the meeting, required diagrams and their distribution among team members is concluded.

Next Meeting Agenda

Review Diagrams