

Homework 9

- **Roles in FDD**

- 1) **Project Manager:**

Project manager have responsibility to share progress of the project to customer that project is working as it requirement. However, project manager can handle multiple project .

- 2) **Chief Architect:**

Chief architect handle whole team of the architects. Also handle design and model of the project. Sometimes, one person can handle small project.

- 3) **Development Manager:**

Manager is lead and do mentoring the developing team also handle day - to -day activity. At a same time it can handle more than one project.

- 4) **Chief Programmer:**

Chief programming is the main of the project. Chief programming have responsibility to help in the code and check that project going well or not .

- 5) **Class Owners:**

Class owners is done by almost 2 week which very small feature development. they can also take help from chief programmer.

- 6) **Domain Experts:**

It can the understand the customer which customer wants to change or solve it. Also, is there is improvement or not

- 7) **Feature Teams:**

Feature team is divided in to small section and give to employee

Give an example of each FDD role's responsibilities in the new horn honking feature.

- **Project Manager:**

determining the budget for each feature. For example sensor

- **Chief Architect:**

It is handle whole project of the horn honking and their design and model.

- **Development Manager:**

For the horn honking driving less car it will lead the project and do mentoring for the whole team .

- **Chief Programmer:**

decide which feature will be in horn honking project. Also help the another team member if they have any problem in the code.

- **Class Owners:**

If in horn honking project have small part which can divide in to small part and allocate to developer which is very small part of the project

- **Domain Experts:**

It can the understand the customer which customer wants to change or solve it in the horn honking project. Also, is there is improvement or not

- **Feature Teams:**

Horn honking feature is divide in to small section which is assign to developer

Corresponding role to extreme programming.

XP is a framework of agile software development and the main aim of this is to produce the high quality of the software which is given to the development team. In the project when the requirement is keep changing dynamically at that time FDD is more applicable and there should be the team size is small. In the XP whole team is set at a one place to discuss the project and their task as well as all the task are complete by the all the team member together and each

sprint is complete within the 1-2 weeks. Just because requirement are decide in initial stage of the project, the cost can be eliminate. And the priority of the requirement are always set by the customer.

FDD is applicable for the large project and complex project. The result of the software which is deliver is more effective because this is a customer centric. And this whole deliver is done with in the 2-10 days. There is more document is require and team is not meet at a same place evry time to discuss the project.

Advantages

1. It gives better understanding of group member for the project
2. It gives short time delivery
3. FDD use documentation for communication with each other
4. It require fewer meeting.
5. It is better for large scale projects and complex project
6. It allows to do tracking .

Disadvantages

1. It is not suitable for small project.
2. It has only one developer so it is hard to distribute work in small project
3. It can not provide written document to customer so that user can not get any idea about
4. Work is done by individually.
5. It can not work properly for older system.

I recommend FDD for self driving car software. Because it is large project and FDD is best method to use for large scale project. There are few step which can help for the project and it make easier to build it. Also, user can involve in this project which would be best.