

Group No: 10

Meeting -3

10th Feb, 2021

2:30 - 5:45 PM

DISCORD

Meeting called by: Parth Patel

Type of Meeting : Informal Meeting

Facilitator : Jeet Shah

Notetaker: Yashvi Pipaliya

Time Keeper: Yashvi Pipaliya

Attendees : Jeet Shah

Kesha Bagadia
Manav Vagrecha
Manal Shah
Parth Patel
Yashvi Gandhi
Shreyansh Shah
Mihir Chauhan
Yashvi Pipaliya

Please look: Read different Systems Development Life Cycle (SDLC) methodologies

Please bring: Document containing details of your research. Please keep a document file ready to write notes and suggestions.

Agenda Item:

To finalise a software process model for the project

Presenter:

Parth, Kesha, Manav

Discussion:

Selecting the criteria with respect to the software definition in order to select an appropriate process model among all the available models. The following are the criteria discussed in a nutshell:

- Ability to adapt changes
- User interactive model, because the meeting management system is solely based on the difficulties which the user faces with already established applications
- Constant feedback is necessary to listen and make any changes needed in time.
- A model which lays a greater emphasis on testing phase rather than the design phase, because the design of the software will be quite common but the working of new, in-demand features is more important
- The model which allows the team to save costs and time required for project realization
- Model applicable for smaller teams, as our team consists of 9 members
- Model which allows open communication within the team which helps everyone keep up with the project progress

After selecting the important criteria for our project. Discussion was held over various software process flows to find the best fit satisfying the above mentioned criteria

- Linear Process flow: Traditional waterfall model, V-shape model
- Linear + Parallel flow: Incremental Process model
- Iterative + Evolutionary flow: Prototyping model, Spiral model, Component-based development
- Concurrent flow: Formal Methods model, Aspect-oriented development

None of the above mentioned models fit well to the criteria and hence looking through the Agile Development models

- Scrum
- Kanban
- Scrumban
- Extreme Programming(XP)
- Agile SAFe
- Agile LeSS
- Agile DSDM
- Unified Process(UP)

Elaborating on the pros and cons of all the agile models and identifying the most dynamic process model out of them as per our needs.

Conclusion:

Extreme Programming(XP) fits well on the required criteria and hence finalising Extreme Programming(XP), Agile process model for the software.

Other Information:

Action Items	Person Responsible	Deadline
1. Identifying the External Stakeholders	Manav, Jeet, Yashvi G,	14 Feb, 2021
2. Identifying the Internal Stakeholders	Parth, Manal, Mihir, Shreyansh	14 Feb, 2021
3. Drafting the document regarding the selected process model and Drafting the document of problem definition and requirements elicitation of the software	Yashvi P, Kesha	12 Feb, 2021

Agenda For Next Meeting:

Identifying the Stakeholders for the project