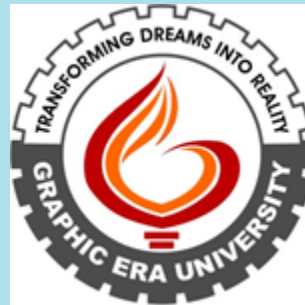# Agile Software Development (TCS 562)

Unit-II Agile Project Management
Tools for Agile project Management

Prof.(Dr.) Santosh Kumar

Department of Computer Science and Engineering

Graphic Era Deemed to be University, Dehradun

Tools for Agile Project Management

Top Agile project management tools for small and large businesses.

1. ProofHub
2. Wrike
3. Smartsheet
4. Active Collab
5. Asana
6. Agilean
7. Version One
8. Binfire
9. LeankitKanban
10. DailyScrum
11. JIRA
12. Axosoft
13. Pivotal tracker
14. MeisterTask
15. Taiga
16. Kantree
17. Notion
18. Hitask
19. Basecamp

Some of the Agile project management tools are described as;

1. ProofHub

- ProofHub is a smart and feature-rich agile project management software used by leading organizations. Teams can effortlessly share ideas, compile documents, start discussions, and move forward with this collaborative tool.

- The software comes integrated with all the necessary tools and features that you would need to make your projects successful using Agile methodology. Additionally, it is also apt for handling your projects using other project management techniques as well, such as critical path method (CPM), getting things done (GTD), etc.

- As for organizing tasks and streamlining all the project work, you can use ProofHub's Kanban Boards and Gantt Charts.

- With Kanban boards, you will be able to define all the workflow stages of a project and see tasks moving across different stages in the form of cards.

- On the other hand, Gantt charts allow you to visualize the timeline of a project and ensure timely completion of all the project work. You can schedule tasks, associate milestones with tasks, define task dependencies, and see who is handling a particular task all using a Gantt Chart.

- Here are some more things related to task management that you can do without breaking a sweat using ProofHub:
  - ✓ Create tasks and divide them into smaller and manageable subtasks
  - ✓ Select one or more assignees for a task
  - ✓ Set start and end dates for each task
  - ✓ Set up recurring tasks
  - ✓ Attach files and add comments to tasks
  - ✓ Add labels to prioritize tasks and make it easier to organize them
- As agile methodology also lays emphasis on team communication and feedback, ProofHub emerges as the perfect agile project management tool with its built-in chat interface and online proofing tool.

- At any point in time, you can use the in-built chat interface to connect with other members of your team.

- You can either go for a quick one-on-one chat or select multiple team members to initiate a group conversation for discussing ideas, reporting work status, etc.

- The online proofing tool incorporated within the ProofHub's framework unlocks real-time feedback, suggestions, and work approval for your team.

- You can simply open a design or a document file within ProofHub to proof it and add comments in case you have some feedback to share.

- While proofing, you can use markup tools to annotate files and highlight specific portions where changes need to be made.

- To make the decision maker aware that all the suggestions and requested modifications are made successfully, team members can mark a suggestion or feedback as resolved.

- All in all, ProofHub will make the agile methodology more meaningful for your projects and you will get better outputs.

- Link to explore more features and get trial based study:

  https://help.proofhub.com/plus/?ref=site

2. Wrike

- Effective project management is all about making instant changes where needed in order to save up on costs and increase the revenues. Wrike is ideal for centralizing and connecting multiple projects and spiking up your team's efficiency.

- It gets a lot of bad rep for its utilitarian interface, but just like with teamweek's tool, setting up your project tasks will be a walk in the park. Although Wrike is up to date with their releases and enhancements, their mobile versions get a bit of a lag in the process. This might frustrate if you expect to see changes on your mobile devices at the same time as they happen on your desktop.

3. Smartsheet

- Smartsheet defines how teams collaborate on projects and tasks such as managing the operation, tracking marketing campaigns, and planning events.

- Smartsheet considers the various solutions for business including different roles and industries.

- It unifies cross-functional priorities, has free and open collaboration, and allows you to create teams without limitations.

4. Agilean

- Agilean is a SaaS enterprise workflow automation and project management software created primarily for IT enterprises.

- Its main features include project planning, execution, SCRUM and KANBAN board, analysis, and interactive reports.

- Moreover, it is extremely easy-to-use and customizable.

- Agilean enables continuous improvement by optimizing workflow and removing bottlenecks from your process.

5.Version One

- Version One is an all-in-one Agile management tool that supports Agile software development methodologies.

- It's forever popular features are Agile portfolio management, program management, quality management, business intelligence, collaboration, hub integration, and development.

- With it's collaboration feature, you can establish link between global product and portfolio teams.

How to setup Jira for Agile project Management

- In the next lecture, a brief overview has been initiated to demonstrate free sign-up of software .