# **Milestone 1 Scrum Report**

All students are expected to attend the scrum meetings and to participate. Failure to do so will result in greatly reduced grades.

**GROUP**: 5

**Members Present**:

|  |  |
| --- | --- |
| 1.Jubin Verma | 4.Photswat Boonme |
| 2.Sandhya Timsina | 5.Udhav Tamyal |
| 3.Susinta Bastola | 6. Parshv Nileshbhai Gandhi |

**Milestone 1 Tasks**

In this phase of the project you will:

* Setup teams of about 3-5 developers (6 is too large)
* Write and sign a team contract
* Create a GIT account
* Create a Jira account
* Add your professor to the GIT and Jira accounts
* Update Jira with the work performed and planned

**Deliverables due 4 days after your lab day:**

* Completed team contract.
* Fully initialized Git repository. **Be sure to send your professor the link to your GitHub repository and a screenshot of the GitHub users.**
* Fully setup Jira project. **Be sure to send your professor the link to your Jira Project.**
* Completed scrum report including reflection questions answered.

**Rubric**

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| --- | --- | --- |
| **Individual** | Group participation | 80% |
| Teamwork | 20% |
| **Group** | Contract | 25% |
| Git repository | 25% |
| Jira project | 25% |
| Scrum report & reflections | 25% |
| **Deadline** | 20% deduction for each day you are late |  |
| **NOTE** | Both the individual and group marks are calculated separately. Each member of the group will have their mark calculated based on their contribution to the group work and their contributions to the team. The group participation is a percentage that your professor feels you contributed to the group work. This is multiplied by the weight of the group participation component to determine your grade. |  |

**Scrum Report**

**Summary of Tasks Completed or Delayed in the last week:**

Here you can list all of the tasks completed in the last week along with any tasks which could not be completed with a reason why they could not be completed.

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| --- | --- | --- |
| **Member** | **Tasks Completed** | **Tasks Delayed/Blocked** |
| **Jubin verma** | **Setup Complete(jira and Github account),created repositories,created directories in repositories,completed scrum report,created group contract.** | **No delays or blocks** |
| **Sandhya Timsina** | **Setup Complete(jira and Github account)** | **No delays or blocks** |
| **Susinta Bastola** | **Setup Complete(jira and Github account)** | **No delays or blocks** |
| **Photswat Boonme** | **Setup Complete(jira and Github account)** | **No delays or blocks** |
| **Udhav Tamyal** | **Setup Complete(jira and Github account)** | **No delays or blocks** |
| **Parshv Nileshbhai Gandhi** | **Setup Complete(jira and Github account)** | **No delays or blocks** |
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For every task delayed or blocked, describe the reason for the delay or block, how it impacts the project and the proposed solution or workaround**.**

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| **Delayed or Blocked Task** |  |
| **Reason for delay or block** |  |
| **Impact on Project** |  |
| **Solution or work-around** |  |
|  |  |
| **Delayed or Blocked Task** |  |
| **Reason for delay or block** |  |
| **Impact on Project** |  |
| **Solution or work-around** |  |

**Summary of Meeting:**

A summary of the main points discusses in the meeting and the outcomes of the discussions.

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| --- | --- | --- |
| Topic | Discussion Summary | Outcome |
| Jira account setup | **How to use announcement link to create and add project in Jira and add collaborators** | **Jira account Set up completion** |
| GitHub account setup | **How to use link in pdf with SAML sign in to create and join repository in GitHub** | **GitHub account Setup**  **Completion** |
| Access key setup | **How to add private access keys for everyone in GitHub** | **Better understanding of how GitHub works and how to access GitHub individually using access keys** |
| Tortoise setup | **How to commit, push and pull from and to git using tortoise (from local computer to remote)** | **Better understanding of Tortoise** |
| Git bash setup | **Simple installation and common commands used in previous semester of git like git commit, git init and a few more.** | **Better understanding of git bash and its commands** |
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**Summary of Decisions Made:**

This will include major architecture and design decisions, testing decisions, prioritization of tasks, dealing with problems encountered and other major outcomes from the meeting.

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| Decision | Rationale |
| Setting up GitHub before Jira | We decided to do GitHub setup first as it was more complex than jira account setup which gave us more time to deal with any issues that came with github rather than issues later down the timeline when the deadline is closer. |
| Setting up tortoise before git bash | As git bash was previously done in our prior semester, we decided to do tortoise setup first as it was brand new to our group, ultimately giving us more time to get more comfortable with it. |
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**Tasks Attempted During Meeting:**

Each member is assumed to participate in the scrum meeting and contribute to the completion of the scrum report and reflections. Since the scrum meeting will not take more than 20-30 minutes, there is lots of time left to undertake some of the actual work tasks. In the table below, each member should list what they did to complete the scrum report, the reflections, and 1-4 other tasks they completed during the class period. If a task cannot be completed, the student should indicate why this was not possible.

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| --- | --- | --- | --- |
| Member | Task Attempted | Time Spent | Complete? |
| Jubin verma | **Overall Setup for project(Milestone 1)** | **1hr** | **Completed** |
| Sandhya Timsina | **Overall Setup for project(Milestone 1)** | **1hr** | **Completed** |
| Susinta Bastola | **Overall Setup for project(Milestone 1)** | **1hr** | **Completed** |
| Photswat Boonme | **Overall Setup for project(Milestone 1)** | **1hr** | **Completed** |
| Udhav Tamyal | **Overall Setup for project(Milestone 1)** | **1hr** | **Completed** |
| Parshv Nileshbhai Gandhi | **Overall Setup for project(Milestone 1)** | **1hr** | **Completed** |
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**Scrum Tasks Selected for Next Week**:

The tasks each member has selected to pursue for this class or the next week.

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| Group Member | Task Description |
| Jubin verma | Checking everyone’s work, scrum report creation, Coding, Testing, Reflection questions |
| Sandhya Timsina | Coding, Testing, Reflection questions, bringing snacks for next meeting. |
| Susinta Bastola | Coding , Testing, Reflection questions |
| Photswat Boonme | Coding, setting up meeting and booking room for next meetings, Testing, Reflection questions |
| Udhav Tamyal | Coding, Testing , Reflection questions |
| Parshv Nileshbhai Gandhi | Coding, Testing, Reflection questions |
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**Major Outcomes of Meeting:**

This is where you should highlight the major accomplishments of the class.

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| Outcome | Impact on Project |
| Better Understanding of the project | **Faster and more efficient Completion of project(Milestone1)** |
| Better Understanding of  GitHub | **Faster and more efficient Completion of project(Milestone1)** |
| Better Understanding of  Jira | **Faster and more efficient Completion of project(Milestone1)** |
| Better Understanding of  Tortoise | **Faster and more efficient Completion of project(Milestone1)** |
| Better Understanding of  How remote and local computer work together | **Faster and more efficient Completion of project(Milestone1)** |
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**Things That Went Well in This Meeting:**

Here you can highlight things which worked well. This indicates that the way you worked on these items is working and should be continued.

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| Topic/Work Item | Reason for Success |
| Jira account setup | **Good communication, Teamwork, overall great team synergy.** |
| GitHub account setup | **Good communication, Teamwork, overall great team synergy.** |
| Access key setup | **Good communication, Teamwork, overall great team synergy.** |
| Tortoise setup | **Good communication, Teamwork, overall great team synergy.** |
| Git bash setup | **Good communication, Teamwork, overall great team synergy.** |
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**Things That Did NOT go Well in This Meeting:**

This is where you can list things which did not go well in the class. You should analyze why this happened and suggest how you can improve it next time. This will lead to the goal of *continuous process improvement*.

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| Topic/Work Item | Reason for Problem and How to do Better |
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**Reflections (to be answered by the group)**:

Answer the following questions using your own words. Make sure that each answer comprises a minimum of 100 words.

1. GIT is an example of a version control system. List and explain 3 benefits of using a version control system.

Ans - Git is an open-source version control system, The major 3 benefits of using GIT are given below:

1. If we want to refer back to a previous version of our application, we can do it by using git.
2. We can use the local version of the application in our computers by using the git clone functionality.
3. Git is great for team project as programmer working on same application can collaborate and they can even merge their code by using git merge functionality.
4. What is a version control system? Why does GitHub qualify as a version control system?

Ans- A version control system (VCS) is a tool that tracks changes to files over time. It's highly beneficial in software development because it allows multiple people to collaborate on the same project without overwriting each other's contributions. It also logs all changes, making it simple to return to an earlier version if problems arise. GitHub qualifies as a version control system because it uses Git, a widely known VCS. Developers can collaborate, track modifications, and upload code to repositories on GitHub. It also allows for branching, enabling teams to work on different features or fixes separately and then merge them into the main code once they are complete, making teamwork more efficient.

1. What is Jira? How are we going to use Jira for this project?

Ans- Jira is a popular web-based application that is used for managing software projects. The one of the main benefits of Jira is its ability to facilitate effective team work and this become possible by features that improve feedback, comments, and debate. Jira also facilitates project organisation by enabling users to centrally generate and manage tasks and issues. The ability of Jira to interface with other tools, like version control systems like Git and testing tools, is another important advantage that greatly improves team member communication.

1. Why is a Kanban board useful in software development. What are the advantages of using Kanban board?

Ans - A Kanban board is very useful in software development because it helps the teams to stay organized and help team to track tasks visually. The board is usually divided into columns like To Do, In Progress, and Done, which makes it easy to see where everything stands at a glance. The major advantages of using Kanban boards is that it encourages continuous delivery. Instead of focusing on doing a lot of tasks at once, Kanban limits the amount of work in progress. So, teams can concentrate on finishing what they have started. Another reason why Kanban is great is that it’s flexible. Unlike other methods like Scrum, it doesn’t require strict planning or fixed-length sprints.