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**Team 31 – Sprint 3 Planning Document**

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**Sprint​ ​Overview**

Our goal for this sprint is to finish completing the remaining functionalities of the Carnet user’s notebooks. We will begin this sprint by focusing on making sure that all the previous features are working properly with each other and finishing any unfinished user stories from the second sprint. Then we will work towards programming out a backend and frontend where the user can easily add pdfs to a notebook, delete/update those pdfs and also allow the user to add, update, delete, or beautify text over these pdf . Once all the functionalities of the notebook pages are completed, we will focus on the user interaction with other users. Users will be able to give permission to other users to access and even edit others’ notebooks. All these functionalities together will allow the user to be able to completely use their personal notebooks and also access and interact with other users’ notebooks. The focus of this sprint is on improving the features of the notebooks and also on the features that allow users to interact with any other users’ notebooks.

**SCRUM​ ​Master**:​ ​​Sripath Mishra

**Meeting​ ​Plan**:​ ​​Monday 4:30-6:00 PM, Thursday 4:30-6:00 PM

**Risks​ ​and​ ​Challenges**

The challenges that we face as a team in this sprint is making sure that the remaining 14 user stories are completed properly and according to what was initially intended. The second sprint went mostly well but communication is something that we can still continue to work on better. We are good with meeting and communicating in person, but online communication can be improved when working remote. We face the challenge of mainly making sure that everything is completed in the given time. Something that can be a roadblock is the thanksgiving break in the middle, so it must be made sure that a significant amount of the sprint is completed before everyone goes away for break. The challenge is for the scrum master to also make sure everyone is doing everything on time.

The risk that is mainly involved in this sprint is of dividing the work by week and making sure that the weekly tasks are being completed accordingly. If we fall behind even one week, everything will pile up and there is a high risk that we might not be able to compete all user stories. For the project end, it is extremely important for us to make sure that proper testing is being performed for all user stories. It is essential that all edge cases are being tested for all user stories. A lot of our challenges and risks, however, were tackled in the first sprint as it was a new team but now that everyone is settled in, there is only focus on continuing the good work and staying on top of time.

**Current​ ​Sprint​ ​Details**

**User​ ​Story​ ​13:**

As a user, I would like to be able to insert pdf in the notebook.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Fetch data from the database | 2 | Sidharth |
| 2 | Permit the user to insert pdf in the notebook. | 2 | Sidharth |
| 3 | Save the changes | 3 | Sripath |
| 4 | Unit Testing: Test insertion. | 2 | Sidharth |

Acceptance​ ​Criteria:

* ● Given the notebook exists in the database, the user should be able to fetch the data from the database.
* ● Given the user opens the desired notebook, permit the user to insert pdf as in the notebook.
* ● Given the user inserts pdf in the notebook, save the changes.
* ● Given the user saves the changes to the database, the testing phase should show positive results.

**User​ ​Story​ ​14:**

As a user, I would like to be able to update pdf in the notebook.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Fetch data from the database | 3 | Shivangi |
| 2 | Permit the user to update pdf in the notebook | 2 | Shivangi |
| 3 | Save the changes | 2 | Sripath |
| 4 | Unit Testing: Test pdf updation | 3 | Sidharth |

Acceptance​ ​Criteria:

* ● Given the notebook exists in the database, the user should be able to fetch the data from the database.
* ● Given the user opens the desired notebook, permit the user to update pdf in the notebook.
* ● Given the user updates pdf in the notebook, save the changes.
* ● Given the user saves the changes to the database, the testing phase should show positive results.

**User​ ​Story​ ​15:**

As a user, I would like to be able to delete pdf in the notebook.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Fetch data from the database | 3 | Shivangi |
| 2 | Permit the user to delete pdf in the notebook | 2 | Shivangi |
| 3 | Save the changes | 2 | Sripath |
| 4 | Unit Testing: Test pdf deletion | 3 | Pooja |

Acceptance​ ​Criteria:

* ● Given the notebook exists in the database, the user should be able to fetch the data from the database.
* ● Given the user opens the desired notebook, permit the user to delete pdf in the notebook.
* ● Given the user deletes pdf in the notebook, save the changes.
* ● Given the user saves the changes to the database, the testing phase should show positive results.

**User​ ​Story​ ​16:**

As a user, I would like to be able to insert text over pdf.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Fetch data from the database | 3 | Shivangi |
| 2 | Permit the user to insert text over pdf in the notebook | 2 | Shivangi |
| 3 | Save the changes | 2 | Sripath |
| 4 | Unit Testing: Test insertion of text over pdf | 3 | Pooja |

Acceptance​ ​Criteria:

* ● Given the notebook exists in the database, the user should be able to fetch the data from the database.
* ● Given the user opens the desired notebook, permit the user to insert text over pdf , at the beginning of the document, in the notebook.
* ● Given the user inserts text over pdf in the notebook, save the changes.
* ● Given the user saves the changes to the database, the testing phase should show positive results.

**User Story 17:**

As a user, I would like to be able to update text over pdf .

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Fetch data from the database | 3 | Shivangi |
| 2 | Permit the user to update text over pdf in the notebook | 2 | Shivangi |
| 3 | Save the changes | 2 | Sripath |
| 4 | Unit Testing: Test updation of text over pdf | 3 | Pooja |

Acceptance​ ​Criteria:

* ● Given the notebook exists in the database, the user should be able to fetch the data from the database.
* ● Given the user opens the desired notebook, permit the user to update text over pdf in the notebook.
* ● Given the user update text over pdf in the notebook, save the changes.
* ● Given the user saves the changes to the database, the testing phase should show positive results.

**User​ ​Story​ ​18:**

As a user, I would like to be able to delete text over pdf .

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Fetch data from the database | 3 | Shivangi |
| 2 | Permit the user to delete text over pdf in the notebook | 2 | Shivangi |
| 3 | Save the changes | 2 | Sripath |
| 4 | Unit Testing: Test deletion of text over pdf | 3 | Pooja |

Acceptance​ ​Criteria:

* ● Given the notebook exists in the database, the user should be able to fetch the data from the database.
* ● Given the user opens the desired notebook, permit the user to delete text over pdf in the notebook.
* ● Given the user deletes text over pdf in the notebook, save the changes.
* ● Given the user saves the changes to the database, the testing phase should show positive results.

**User​ ​Story​ ​19:**

As a user, I would like to be able to save any changes made in the notebook.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Fetch the data from the database | 2 | Sripath |
| 2 | Permit the user to make any updates in the notebook | 3 | Siddharth |
| 3 | Save all changes | 3 | Shivangi |
| 4 | Unit testing: Test input updation | 3 | Pooja |

Acceptance​ ​Criteria:

● Given the notebook exists in the database, the user should be able to fetch the data from the database.

● Given the user opens the desired notebook, permit the user to update anything in the notebook.

● Given the user updates the notebook, save the changes.

● Given the user saves the changes to the database, the testing phase should show positive results.

**User​ ​Story​ ​20:**

As a user, I would like to be able to edit notebooks after they have been saved.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Fetch data from the database | 2 | Sripath |
| 2 | Permit the user to make changes to a currently saved notebook | 3 | Siddharth |
| 3 | Save the changes | 3 | Shivangi |
| 4 | Unit testing and integration testing. | 3 | Pooja |

Acceptance​ ​Criteria:

* ● Given the notebook exists in the database, the user should be able to fetch the data from the database.
* ● Given the user opens the desired notebook, permit the user to edit the notebook.
* ● Given the user edits the notebook, save the changes.
* ● Given the user saves the changes to the database, the testing phase should show positive results.

**User​ ​Story​ ​21:**

As a user, I would like to be able to organize the notebooks in folders.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Permit the user to create a folder | 2 | Sripath |
| 2 | Put the desired notebooks in the folder | 3 | Siddharth |
| 3 | Get rid of occurrences of the notebooks outside of the folder | 3 | Shivangi |
| 4 | Save the changes to the database | 3 | Pooja |

Acceptance​ ​Criteria:

● Given that at least one notebook exists in the database, permit the user to create a folder

● Given that the user creates a folder, allow the user to put the desired notebook in the folder.

● Given that the user puts the notebooks in the folder, get rid of occurrences of the notebook outside of the folder

● Given the user saves the changes to the database, the testing phase should show positive results.

**User​ ​Story​ ​22:**

As a user, I would like to be able to share my notebook or make my notebooks public.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Backend implementation to allow user to make notebooks public. | 2 | Sripath |
| 2 | Backend implementation to allow notebook viewing by link sharing. | 3 | Siddharth |
| 3 | Frontend implementation to create links. | 3 | Shivangi |
| 4 | Unit testing and integration testing. | 3 | Pooja |

Acceptance​ ​Criteria:

● The user is able to make any private notebook public.

● The converted notebook should show on public search results.

● The link should be created which is unique to the notebook.

● Other users should be able to see a private notebook after getting the link.

**User​ ​Story​ ​28:**

As a user, I would like to be able to edit any notebooks which I have been given access to by the owner.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Permit the owner to give access to his notebook to a user upon request | 2 | Sripath |
| 2 | Allow the user to insert and delete text in the notebook | 3 | Siddharth |
| 3 | Permit the user to beautify text in the notebook | 3 | Shivangi |
| 4 | Unit testing and integration testing. | 3 | Pooja |

Acceptance​ ​Criteria:

● Given that the user has requested access to a different user’s notebook, permit the owner to respond to his request.

● Given that the owner accepts the request, permit the user to insert and delete text in the notebook.

● Given that the owner accepts the request, permit the user to beautify text in the notebook.

● Save the changes to the database and go through the testing phase to ensure positive results.

**Incomplete User Stories**:

**User​ ​Story​ ​25:**

As a user, I would like to be able to like, dislike and linear comment about a notebook.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Create a backend route for getting and updating likes, dislikes and comment for a notebook. | 2 | Sripath |
| 3 | Create UI for the comment, likes and dislike about a notebook | 3 | Siddharth |
| 4 | Link the frontend and the backend | 3 | Shivangi |
| 5 | Unit testing and integration testing. | 3 | Pooja |

Acceptance​ ​Criteria:

* ● The backend should return the likes, dislikes, and comments on a notebook.
* ● The frontend should allow the user to like, dislike and linear comment about a notebook.
* ● The backend should return error messages for wrong input.
* ● The frontend should handle all the errors and successful messages given by the backend.

**User​ ​Story​ ​26:**

As a user, I would like to be able to subscribe to another user or any updates on a notebook.

Task​ ​Table:

|  |  |  |  |
| --- | --- | --- | --- |
| Task​ ​Number | Description | Time | Task​ ​Owner |
| 1 | Create a backend route for subscribing to a notebook and to send notifications to the user upon request. | 2 | Sripath |
| 3 | Create UI for the subscribing the notebook and to view the notification. | 3 | Siddharth |
| 4 | Link the frontend and the backend | 3 | Shivangi |
| 5 | Unit testing and integration testing. | 3 | Pooja |

Acceptance​ ​Criteria:

● The backend should allow the user to subscribe to a notebook and to send notifications to the user upon request.

● The frontend should allow the user to subscribe to the notebook and to view the notification.

● The backend should return error messages for wrong input.

● The frontend should handle all the errors and successful messages given by the backend.

**Product​ ​Backlog**

Note: The ones Highlighted will be done in Sprint 3

~~1. As a user, I would like to be able to register for a Carnet account.~~

~~2. As a user, I would like to be able to login and manage my Carnet account.~~

~~3. As a user, I would like my password to be reset if I forget it.~~

~~4. As a user, I would like to be able to easily navigate to a personal Notebook.~~

~~5. As a user, I would like to be able to open any page of my notebook~~

~~6. As a user, I would like to be able to easily access Carnet across all of my web-enabled devices.~~

~~7. As a user I would like to be able to create new notebooks.~~

~~8. As a user, I would like to be able to create new pages in any notebook.~~

~~9. As a user, I would like to be able to insert text in the notebook.~~

~~10. As a user, I would like to be able to update text in the notebook.~~

~~11. As a user, I would like to be able to delete text in the notebook.~~

~~12. As a user, I would like to be able to beautify text in the notebook.~~

~~13. As a user, I would like to be able to insert pdf in the notebook.~~

~~14. As a user, I would like to be able to update pdf in the notebook.~~

~~15. As a user, I would like to be able to delete pdf in the notebook.~~

~~16. As a user, I would like to be able to insert text over pdf .~~

~~17. As a user, I would like to be able to update text over pdf .~~

~~18. As a user, I would like to be able to delete text over pdf .~~

~~19. As a user, I would like to be able to edit notebooks after they have been saved.~~

~~20. As a user, I would like to be able to organize the notebooks in folders.~~

~~21. As a user, I would like to be able to share my notebook or make my notebooks public.~~

~~22. As a user, I would like to be able to make my notebooks private.~~

~~23. As a user, I would like to be able to search other public notebooks by their titles, owners, etc.~~

~~24. As a user, I would like to be able to like, dislike and linear comment about a notebook.~~

~~25. As a user, I would like to be able to subscribe to another user or any updates on a notebook.~~

~~26. As a user, I would like to be able to edit any notebooks which I have been given access to by the owner.~~

~~27. As a user, I would like to have a way to connect to the developers for providing feedback~~

~~28.As a user, I would like to be able to edit any notebooks which I have been given access to by the owner.~~

~~29. As a Software Developer, I would like to have a continuous development and continuous integration pipeline.~~

~~30. As a Software Developer, I would like to have a Docker container for local testing.~~