**Planning and Progress – Part 2**

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# **Features** **(Reuse from Planning and Progress – Part 1)**

Feature name: InfoPedia

Problem definition: Improving upon the wiki system to makeup on its lack of functionality and effectiveness, to enhance the user experience.

Requirements (User Stories):

1. As a wiki author, I want to retain previous versions of a Wiki, so I can keep track of the changes made to it over time.
2. As a user, I want to be able to easily navigate between the versions of a Wiki, so I can compare versions and see what changes have been made.
3. As a wiki author, I want all versions of the wiki to be deleted, so that all traces of my wiki are removed when I choose to delete it.
4. As a wiki author, I want to have the ability to approve/disapprove edits made to a wiki, so that I can preserve the integrity of my wiki.
5. As a user, I want to have the ability to submit changes to the author of a wiki for approval, so that I can contribute to any wiki in the system.
6. As a wiki author, I want to be the only user with delete privileges for my wikis, so that I have full control of them.
7. As a user, I want to see suggestions based on what I have typed in for pages to visit so that I can easily find what I'm looking for.
8. As a user, I want to be able to click a suggestion item, so that I can be redirected to the page found.
9. As a user, I want to see previously searched pages in my dropdown, so that I can easily return to previously searched pages.
10. As a user, I want to be able to click a suggested history item, so that I can be redirected to the page I previously have been to.

API names:

**Wiki Version History**

**Author/Editor Permissions**

**Search Dropdown Suggestions**

**Search Dropdown Suggestions History**

API examples and descriptions:

**Wiki Version History:**

This API can be noticed as soon as you log into the wiki application, however you cannot use it until you create a new version of a wiki page. Once a new version has been created, the user has the option to view and compare the changes under the section titled “versions” on the wiki page.

**Author/Editor Permissions:**

This API can only be noticed by authors of wiki pages. Whenever a user who is not the author tries to edit a wiki page, a request will first be sent to the author who can approve or disapprove the edit. Whenever a user who is not the author tries to delete a wiki page, the user is promptly alerted that they do not have permission to do that.

**Search Dropdown Suggestions:**

This API can be noticed by any user on the wiki page. When you are trying to search in the search bar, a dropdown box will be populated with autocompleted suggestions that can only be available pages in the wiki. This allows for quicker searches because if you are looking up “panda”, and you get to “pan” with no suggestions, you already know there is no “panda” wiki page.

**Search Dropdown Suggestions History:**

This API can be noticed by any user on the wiki page. When a user accesses any wiki page, it is flagged as a page that user has visited before, and when they attempt to search in the search bar, and pages they have been to before will be highlighted purple. This allows for users to quickly find pages they have visited before and need to relook at, or to avoid visiting a useless page you have already been to, that did not have what you were looking for.

# **Deadline, Milestones, and Progress (Reuse Planning and Progress – Part 1)**

## Deadline

Actual deadline of this project: 4-21-2024

Planned deadline of this project (planned in the B stage): 4-14-2024

Possible reasons why I may miss the deadline:

We may not have the time and resources available to be able to complete the testing.

What I can do to prevent the deadline slippage:

To prevent the deadline slippage, we will work hard to reach our deadlines and communicate clearly.

Analysis of what happened:

We communicated clearly and worked hard to reach our deadlines. However, we did not take into account exactly how much time this project would take up.

## Milestones

Actual Milestone 1 date: 3-17-2024

Planned milestone 1 date (planned in the B stage): 3-17-2024

What I should do until milestone 1: Begin thinking about what to do for the project as a whole

Analysis of what happened: We setup weekly meetings, discussed the project, and created PowerPoint presentations.

Actual Milestone 2 date: 3-20-2024

Planned milestone 2 date (planned in the B stage): 3-20-2024

What I should do until milestone 2: We started putting together a skeleton structure for how we will perform the assignment.

Analysis of what happened: We had a strong layout for how and what we wanted to do for the assignment.

Actual Milestone 3 date: 3-24-2024

Planned milestone 3 date (planned in the B stage): 3-24-2024

What I should do until milestone 3: Have weekly meetings, follow up with group members and make sure everyone is on track for milestones.

Analysis of what happened: Some of us were falling behind on the project slightly, but at this point it should be nothing to be worried about.

Actual Milestone 4 date: 3-31-2024

Planned milestone 4 date (planned in the B stage): 3-31-2024

What I should do until milestone 4: Have a complete implementation of the first feature including testing.

Analysis of what happened: Everyone had their first features implemented, we were slightly behind on testing, however.

Actual Milestone 5 date: 4-21-2024

Planned milestone 5 date (planned in the B stage): 4-14-2024

What I should do until milestone 5: Have complete implementation of second features fully tested and complete.

Analysis of what happened: We had complications with implementing one of our features again, and our integration, acceptance, and regression tests came along very slowly.

# **Progress (Make record of *any* progress, surprises, realizations, or anything important when you implement the C stage features)**

1. Date: 3-24-2024
   1. We fully finished the implementation of 1 feature (Wiki Version History).
   2. This includes unit tests.
2. Date: 3-30-2024
   1. We fully finished the implementation of another feature (Search Dropdown Suggestions).
   2. This includes unit tests.
3. Date: 4-7-2024
   1. We fully finished the implementation of another feature (Author/Editor Permissions).
   2. This includes unit tests.
4. Date: 4-18-2024
   1. We fully finished the implementation of another feature (Search Dropdown Suggestions History).
   2. This includes unit tests.
5. Date: 4-21-2024
   1. We fully finished 4 integration tests and 3 acceptance tests.
   2. We are still missing 1 acceptance test, and 4 regression tests.

# **SE rules that you used**

1. Rule: Buy don’t build
   1. I applied this rule when I was creating the client side dropdown bar on jQuery.
   2. I applied this rule when I used a database on SQLite
2. Rule: Kaizen’s rule
   1. I applied this rule when I was submitting pull requests on GitHub
   2. I applied this rule when I was presenting on our weekly sprints.
3. Rule: KISS rule
   1. I applied this rule when I was creating the search Dropdown menu.
   2. I applied this rule when I was reusing already existing template designs when adding new pages.
4. Rule: Single Responsibility Principle
   1. I applied this rule when I was creating the Dropdown methods.
   2. I applied this rule when I was only adding to classes that were relevant.
5. Rule: No Surprises
   1. I applied this rule when I accomplished everything we planned from the beginning.
   2. I applied this rule when I avoided any unforeseen circumstances involving the group project.