

Task : 2

Develop the Product Backlog

- The product backlog must be written in the form of user stories (both front and back of the card)
 - Consider all the stakeholders
 - Actors
 - Administrator
 - External Systems
 - Others

1. Authentication (Login/Logout)

- **Front:** As a user, I want to log in and out of the system securely so that my documents and projects are protected.
- **Back:**
 - The user must log in with valid credentials to access the system.
 - The user can log out securely to end their session.

2. Create Document

- **Front:** As a user, I want to create a new document so that I can start working on a new project or piece of content.
- **Back:**
 - The user can create a document with a specified name.
 - The document is saved automatically after creation.

3. Forgot Password

- **Front:** As a user, I want to reset my password if I forget it so that I can regain access to my account.
- **Back:**
 - The user can initiate a password reset by entering their registered email address.
 - The system sends a password reset link or code to the user's email.
 - The user can set a new password through the reset link or code.

4. Reset User Password

- **Front:** As a user, I want to reset my password so that I can recover access to my account.
- **Back:**
 - The user can request a password reset.
 - The user receives instructions to reset their password.

5. Real-Time Collaboration

- **Front:** As a user, I want to collaborate with others on a document in real-time so that we can work together efficiently.
- **Back:**
 - Multiple users can edit the document simultaneously.
 - All changes are synced in real-time across all users.

6. Collaborative in Real Time

- **Front:** As a user, I want to collaborate with others in real-time so that changes are reflected immediately for all users.
- **Back:**
 - All changes are updated in real-time for all collaborators.
 - Conflicts are managed automatically.

7. See All Live Users

- **Front:** As a user, I want to see who else is working on a document in real-time so that I know who is collaborating with me.
- **Back:**
 - The user can view a list of all other users currently editing or viewing the document.

8. Share Document

- **Front:** As a user, I want to share a document with other users so that they can view or edit it.
- **Back:**
 - The user can share a document via a link or email.
 - Permissions (view or edit) can be set for each user.

9. Document History

- **Front:** As a user, I want to view the history of changes made to a document so that I can track edits and updates over time.
- **Back:**
 - The user can view a log of all changes made to the document, including the time of the change and the user who made it.

10. Find and Replace Text

- **Front:** As a user, I want to find and replace specific text in my document so that I can quickly update content.
- **Back:**
 - The user can search for specific text within a document.
 - The user can replace individual instances or all instances of the searched text.
 - The changes made through find and replace are saved automatically.

11. View Profile

- **Front:** As a user, I want to view my profile so that I can see my personal information and settings.
- **Back:**
 - The user can access a profile page displaying their personal information (e.g., name, email, role).
 - The profile page allows the user to update their personal details.
 - The user can view their activity history and preferences.

12. See Available Projects

- **Front:** As a user, I want to see a list of all available projects so that I can select the one I need to work on.
- **Back:**
 - The user can view all projects they have access to.

13. See Available Files

- **Front:** As a user, I want to see a list of all files within a project so that I can select the document I need to work on.
- **Back:**
 - The user can view all documents within a selected project.

14. View Document

- **Front:** As a user, I want to view a document so that I can read its content without making changes.
- **Back:**
 - The user can open and read a document in view-only mode.

15. Import File

- **Front:** As a user, I want to import files into the system so that I can work on them within the document management platform.

- **Back:**
 - The user can upload a file from their device.
 - The file is converted into an editable document within the platform.

16. Export File

- **Front:** As a user, I want to export a document so that I can save a copy outside of the document management system.
- **Back:**
 - The user can export a document in various formats (e.g., PDF, Word).
 - The exported document retains the formatting and content of the original.

17. External API Integration

- **Front:** As a user, I want to integrate external APIs so that my document management system can interact with other services.
- **Back:**
 - The system integrates with external APIs to enhance functionality.

18. User-Friendly Interface

- **Front:** As a user, I want a good and user-friendly UI so that my work becomes easy and intuitive.
- **Back:**
 - The interface should be clean, intuitive, and easy to navigate.
 - Key features should be accessible with minimal clicks.
 - The UI should be responsive and work well on different devices and screen sizes.

19. Chat with Colleagues

- **Front:** As a user, I want to chat with my colleagues within the platform so that we can discuss and collaborate on documents efficiently.
- **Back:**
 - The user can send and receive messages in a chat interface within the platform.
 - Chats should be associated with specific documents or projects.
 - The chat history should be saved and accessible for future reference.

20. Add Images to Documents

- **Front:** As a user, I want to add images to my documents so that I can visualize my content more effectively.
- **Back:**
 - The user can upload and insert images into the document.

- Images should be resizable and positioned correctly within the document.
- The document should retain the image formatting when saved and shared.

21. Send Email Notification

- **Front:** As a user, I want to send email notifications when I share a document so that the recipient is alerted to its availability.
- **Back:**
 - The system automatically sends an email notification when a document is shared with another user.

22. Document Formatting

- **Front:** As a user, I want to format the text in my documents so that they are clear and professionally presented.
- **Back:**
 - The user can apply various text formats (e.g., bold, italics, underline).
 - Formatting changes are saved and displayed correctly.

23. Download Document

- **Front:** As a user, I want to download a document so that I can have an offline copy for my records.
- **Back:**
 - The user can download a document in the format of their choice.

24. API Documentation

- **Front:** As a developer, I want to create comprehensive API documentation so that other developers can easily integrate with our system.
- **Back:**
 - API endpoints should be documented with request and response examples.
 - Documentation should be kept up-to-date with any changes.

25. Comment on Documents

- **Front:** As a user, I want to comment on documents so that I can give feedback or suggestions without altering the document content.
- **Back:**
 - The user can add, view, and respond to comments within a document.

26. Rename Document

- **Front:** As a user, I want to rename an existing document so that its title better reflects its content.
- **Back:**
 - The user can change the name of a document.
 - The new name is saved and reflected in all associated views.

27. Rename Project

- **Front:** As a user, I want to rename a project so that its name accurately reflects the work being done.
- **Back:**
 - The user can rename a project.
 - The updated project name is displayed in all associated views.

28. Delete Document

- **Front:** As a user, I want to delete a document so that I can remove outdated or unnecessary content.
- **Back:**
 - The user can delete a document.
 - The document is permanently removed from the system, or optionally moved to a trash/recycle bin.

29. Delete Project

- **Front:** As a user, I want to delete a project so that I can remove an entire set of documents that are no longer needed.
- **Back:**
 - The user can delete a project, along with all documents within it.
 - The project and its contents are removed from the system, or optionally moved to a trash/recycle bin.