

Sprint 4 Plan

Cognoso

[sprint completion date (3/12/24)]

Team members & goals:

Vincent: UI refinement on home, and search results page. Home page functionality

Sathvik: Backend for rating system and favorite button

Andy: PDF Upload to create flashcards

Ish: UI refinement on deck manager and minigame pages

Sai: flashcard rating (view mode and rating other user sets), favorite button for flashcard sets

User Story:

1. As a user I want better UI on the Deck Manager page (5 points)
 - Tasks
 - Show Deck title with some icon on it
 - Edit icons option
 - Delete button should have either a shadow or a background color
 - Edit colors and fix bugs on navbar
2. As a user I want better UI on the Home page (3 points)
 - Tasks
 - Layout borders for and area showing a list favorites decks
 - List should be horizontal
 - Border for regular decks
 - List should be horizontal
 - Border for area showing other user decks
 - List should be vertical and placed below the other two bordered areas
3. As a User I want better UI on the search results page (3 points)
 - Tasks
 - Border and area to show my own decks
 - Horizontal list showing decks
 - Border and area to show other user's decks
 - Vertical list showing decks
 - No need for icons, but can be added anyways
4. As a user I want better UI on the minigame page (5 points)
 - Tasks
 - Minigame page
 - Color buttons
 - Background of answers/questions to be colored
 - Users must be able to drag and drop the questions into the 'question' and 'answer' slots
 - Used flashcards should disappear from list when correct cards are placed
 - Create a borders around list of questions cards, answer cards and around the center area
 - Correct/Incorrect should be shown without the use of a submit button

5. As a student, I want to make a study set quickly and easily (40 points)
 - Tasks
 - Allow users to upload PDFs to create flashcards
 - Allow users to easily create flashcards on their own (refine UI on frontend)
 - Spike: PDF parsing
 - Spike: Run LLM locally
6. As a user I want to see all my flashcard decks on the home page (2 points)
 - Tasks
 - Show decks on home page upon login
 - Favorites and other flashcard decks shown separately
7. As a User I want to be able to see other user-made flashcard sets (3 points)
 - Tasks
 - Show flashcard sets made by other users on home page
 - Show flashcard sets made by other users on search_results page
 - Create a new page to view other user decks?
8. As a user I want to save my favorite flashcard sets (2 points)
 - Tasks:
 - Favorite button added to flashcard viewer (star button on top right)
 - Send the deck id to the backend to save in a separate category
 - Unfavorite decks
9. As a User I want to be able to rate certain flashcard sets that were made by other users (2 points)
 - Tasks
 - Implement 5 star system to rate certain flashcard sets
 - Send info to backend
10. As a user I want to be able to see what other users have rated my flashcard set(s) (3 points)
 - Tasks
 - Show what other users have rated my flashcard set in the deck manager set.
 - Show as a popup on the bottom right of deck icon when hovering over it with mouse
 - Make rating stars that are disabled and cannot be edited (MUI rating)
11. As a user I want to be able to set icons for my decks (4 points)
 - Tasks
 - Edit button on each deck in deck manager
 - Popup that allows users to choose an icon for selected deck
 - Set icon and send info to backend
12. As a user I want to be able to ask a chatbot questions (1 point)
 - Tasks
 - New page for ai chat
 - Send prompt to backend and get response

Team Roles:

- Vincent: Frontend
- Sathvik: Backend
- Andy: Backend
- Ish: Frontend, Scrum Master

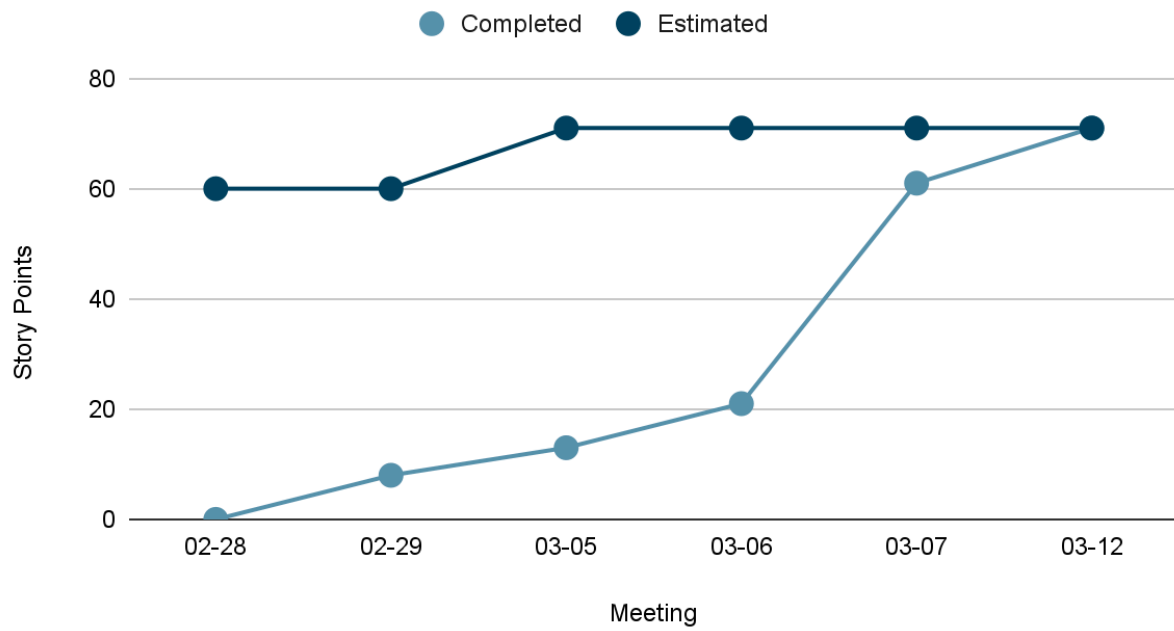
- Sai: Frontend,

Initial Task Assignment (In Priority Order):

- Vincent: User Story # 1, 11, 10, 2, 6, 8, 3, 7
- Sathvik: User Story # 8, 9, 10
- Andy: User Story # 5, 6, 7
- Ish: User Story # 4, 3, 9
- Sai: User Story # 7 8 9

Burnup Chart:

Sprint 4 Burnup chart



Scrum Times:

Tuesday/Thursday 3:00 - 3:15 pm

Wednesday 3:00 - 3:45 pm (with TA)