Sprint 3 Plan
Cognoso
[sprint completion date (2/27/24)]

Team members & goals:

Vincent: Refine UI on Deck manager, Flashcard viewer, Navbar

Sathvik: Work on backend for minigame

Andy: PDF to Flashcard, backend search

Ish: Implement functionality of search bar

Sai: Begin working on minigame page

User Story:

1. As a user I want to be able to navigate the web application easily (5 points)
    - Tasks
        - Refine UI on:
            - Navbar
            - Deck manager
            - Flashcard editor
            - Flashcard viewer
            - Account deletion confirmation
            - Password change confirmation
            - Deck creation popup/confirmation
2. As a student, I want to have fun while learning (15 points)
    - Tasks
        - Create minigame design on frontend
            - Drag and drop of question and answer "cards"
            - Button to submit questions
        - Implement backend functionality of minigame (taking info from flashcards)
            - Get info on flashcards from selected deck
        - Button to play minigame from a selected flashcard set
    - Spikes:
        - UX on frontend (graphic design)
        - Calling info from backend
3. As a student, I want to make a study set quickly and easily (10 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
4. As a user, I want students to be able to find and use study sets easily (3 points)
    - Tasks
        - Implement search bar to look for sets by name
        - Backend search implementation

5. As a user I want to be able to delete flashcard sets I don't want to use (1 points)
   ○ Task
       ■ Delete flashcard set from backend
       ■ Implement button to delete set on frontend
           ● Send confirmation to backend for deletion
6. As a user I want to be able to delete flashcards that I no longer want to keep (2 points)
   ○ Task
       ■ Delete single flashcards with a button
7. As a user I want to be able to know what deck I am working on while in flashcard viewer mode (3 points)
   ○ Task
       ■ Implement backend endpoint to give flashcard set name
       ■ Allow this to be displayed as title on the frontend in flashcard viewer
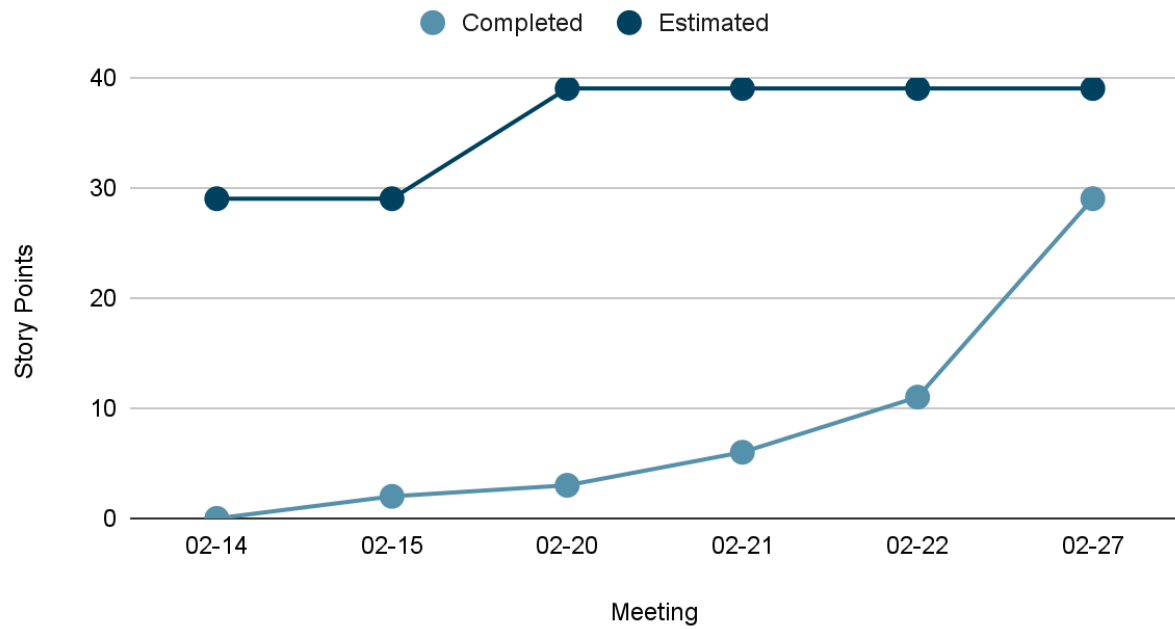
Team Roles:
- Vincent: Frontend
- Sathvik: Backend
- Andy: Backend
- Ish: Frontend
- Sai: Frontend, Scrum Master

Initial Task Assignment (In Priority Order):
- Vincent: User Story #1,5,6,7
- Sathvik: User Story #2,7
- Andy: User Story #3,4,7
- Ish: User Story #2, 4
- Sai: User Story #2, 4

Burnup Chart:

Sprint 3 Burnup chart

Scrum Times:

Tuesday/Thursday 3:00 - 3:15 pm
Wednesday 3:00 - 3:45 pm (with TA)