

TCG Tracker, sprint 3, completion date: 11/19/24, revision number & revision date: 11/04/24

Goal

Allow users to manage their card collection where they can upload card images and get grading price estimates.

Task listing

- **User Story 3.1:** As a user, I want my card collection to show the prices of all of my cards and the total value, so that I know how much my collection is worth. [story points: 8]
 - Add functionality to the existing price boxes for each grade to allow the user to select which card grade they want to add to their collection (1 hour)
 - Pull the cost of the card that the user has when they add it to their collection and display the value below the card. Something like (Grade: Price) below the card (3 hours)
 - Save the user's inputted price paid to firebase so that they can reference later if they go back to the card detail page (1 hour)
 - Save the user's selected grade so that they can view it in their collection (2 hours)
 - Add up the value of all cards in the user's collection and display the value at the top of the page (1 hour)
 - Total for user story 3.1: 8 hours
- **User Story 3.2:** As a user, I want to be able to upload images of Pokemon cards, so that they can all be added to my collection. [story points: 13]
 - A preview of the image before uploading (Time Estimate: 2 hours)
 - Image detection to look for the card ID (Time Estimate: 13 hours)
 - Processing card ID and linking it with the correct card -> If we fail to process the card, ask the user to reupload. (Time Estimate: 8 hours)

- Adding the correct card to the user's collection (Time Estimate: 4 hours)
- Total for user story 3.2: 27 hours
- **User Story 3.3:** As a card collector, I want to be able to select the 20 cards in my collection I want to grade in bulk and calculate my potential profit [story points: 8]
 - Add a tab on top of the page to navigate to the bulk grading page (1 hour)
 - Design bulk grading page (4 hours)
 - First, prompt the user to go to the collection page to select a minimum of 20 cards
 - Be able to go through the cards with left/right arrows on the left and have all the prices on the left)
 - Add a feature to be able to select cards in my collection and a confirm button to navigate to a new bulk grading page (2 hours)
 - Implement a new page that the user will be navigated to once the user confirms the selected cards (6 hours)
 - Calculate the cost and profit of user's bulk grading collection and display value on bulk grading page (2 hours)
 - Total for user story 3.3: 15 hours

Team roles

Alex Yeh: Product Owner

Diane Poeng Scrum Master

Diego Yanez: Scrum Master

Evan Liang: Developer

Mignot Mesele: Developer

Varun Kanna: Developer

Initial task assignment

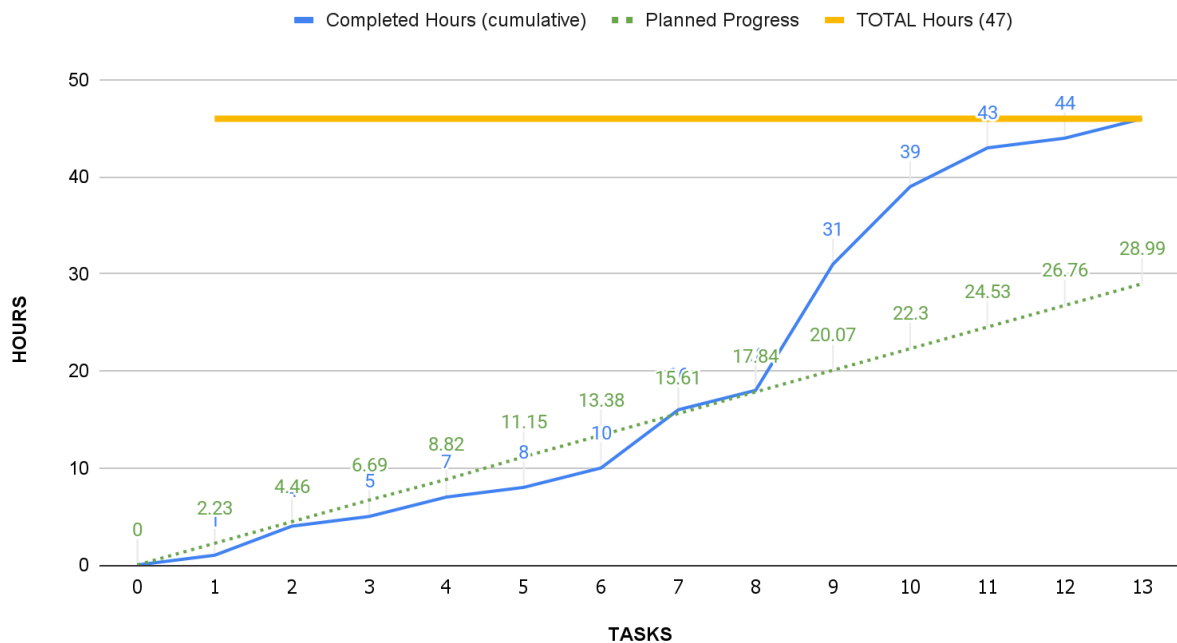
- Alex: Design bulk grading page in Figma (4 hours)
- Evan: Processing card ID and linking it with the correct card -> If we fail to process the card, ask the user to reupload. (Time Estimate: 8 hours)

- Varun: Add functionality to the existing price boxes for each grade to allow the user to select which card grade they want to add to their collection (1 hour)
- Diane: A preview of the image before uploading (Time Estimate: 2 hours)
- Diego: Add up the value of all cards in the user's collection and display the value at the top of the page and will do research on image detection
- Mignot: Image detection to look for the card ID (Time Estimate: 13 hours)

Initial burnup chart

📅 Sprint 3 Burn-Up Chart

Burn Up Chart for Sprint 3



Initial scrum board

📅 Sprint 3 Scrum Board

Scrum times

- Scrum meetings: Tue/Thur @11am and Sat @12pm

- Arranged meeting with TA: Tuesday @12-1pm