

# TCG Tracker, 12/3/24

- **Key user stories and acceptance criteria:** Give a list of key user stories with their acceptance criteria that can serve as a guide for an acceptance test.
  - **User Story 1.1:** As a user, I want to be able to search for cards, so that I can determine the price of a card. [story points: 8]
    - Input the name of the card in the search bar
    - Click on the search button
    - View a set of cards with the same name
    - Click on the correct card
    - View the card's prices
  - **User story 1.4:** As a user, I want my collection page to display all of my cards so that I can reference them easily. [story points: 8]
    - Click on the collection page
    - View cards in the collection
  - **User Story 2.3:** As a user, I want to determine whether it is profitable to get my card graded [story points: 5]
    - Click on the collection button in the navbar
    - Click on the desired card
    - Click on the grade option of ungraded, PSA 8, PSA 9, and PSA 10
    - Input the price paid for the card
    - Optionally, select the PSA expedited turnaround and Gamestop Pro checkboxes
    - Click on the "calculate profit" button
    - View the price to determine if the card is profitable
  - **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]
    - Click the upload button in the navbar
    - Click the upload prompt
    - Select a high-quality card image to be processed
    - View related cards provided by image recognition
    - Choose the correct card
    - Add the card to your collection

- **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]
  - Ensure the collection has 20 or more cards saved
  - Click on the bulk grading button in the navbar
  - Select 20 cards to be graded in bulk
  - Click on the send bulk button
  - Click on the calculate button
  - View the bulk grading profits and costs to bulk grade
- **Known Problems:** List the major bugs (you can reference your Test Report), omissions (missing functionality, edge cases that are not handled), design shortcuts (e.g. hard-coded data), etc.
  - Search bar on the collection page: cursor issue where it stops focus after typing one character, you have to click every time you type a letter
    - Using “autofocus” to fix the search bar leads to a bug where the user’s page gets sent to the top of the screen when you select cards. So we decided to remove autofocus because we thought fixing the user card selection would be more important than the search bar cursor (card selection would be used more frequently by users).
  - Since prices get updated every day, the collection page price doesn't update the prices, but when you click on a card for more details, it shows the updated price, whereas the collection page shows the old cached price.
  - Some cards are not processed properly by the image processing, usually older cards with different formats. ~5-15% of cards have this issue
  - TCG API doesn’t include some older card images, so it shows the back of the cards. We didn’t have time to go through each card and manually replace these images, so we decided to just leave it and include it in our FAQ page.
  - Our search feature in regards to sets does not work with the Pokemon set 151

- Ancient Mew card does not pop up when searched because it is a unique promo, this is due to the API not listing it.
- **Product Backlog:** Provide a list of the high-priority user stories and bug fixes that can serve as a guide for a follow-on project.
  - Some of the bug fixes that can serve as a guide for the follow-up project would be all the known bugs such as the search bar issue, updating the new price on the collection page, adding more edge cases for card image processing, and fixing unlisted card images from the TCG API.
  - Additional High-Priority User Stories:
    - As a user, I want to upload multiple cards at once so I can quickly manage my collection.
    - As a user, I want to create a wishlist of cards I need and match with users who have those cards for trade.
- **Note:** There will be no penalty for system failures during the project review that are due to known problems.