
CMPS 115

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Release Plan

English with Sammy

Expected Release: 24 July 2019

Revision Number: 1

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High-level goals

1. Implement 4 exercises of different formats such as matching pairs of pictures and words, crosswords, filling in the blanks for both words and sentences.
2. Set up the infrastructure and brush up on skills we need to work with our technologies.

User stories for release:

Sprint 1:

1. As **a user**, I want to choose an exercise of a Matching Pictures or a Matching Letters type that is more engaging and fun to interact with than a textbook so that I can learn new English words
2. As **a user**, I want to have a User Interface (UI) that is easy to use and navigate so that I can focus on studying.

Sprint 2:

1. As **a user**, I want to choose an exercise of a Crossword or a Typing Racing type that is more engaging and fun to interact with than a textbook so that I can learn new English words

2. As **a user**, I want to be able to play multiple games (Matching Letters, Matching Pairs, Typing Racer, Crossword) so that I don't get bored with one.
3. As **a developer**, I want to have a filled out database and integrate it in the code, so that I do not have to manually write data

Sprint 3:

1. As **a user**, I also want to choose the difficulty of the game, so that I can play the game with my unique game style and challenge or so I can challenge myself in multiple ways.
2. As **a user**, I want to choose the category of words, so that I can study words relevant to me.
3. As **a developer**, I want to integrate and document every game so that the user can enjoy multiple different games without any issues.
4. As **a developer**, I want to make a web page with a polished design so that it is more engaging and easy to use.

Product backlog:

- More games (with video- and audio support)
- More languages
- More categories
- Lessons for English learning (instructor-support)
- Mobile support
- Internet Explorer support
- Search Functionality
- Difficulty options for Matching Letters and Matching Pictures games
- Make crossword support iteration over boxes with a Tab or automatically switch to the next box once the letter was entered

Online Tools we use:

- [GitHub Repository](#)
- [Trello Board](#)