



# Baby Genius

**Team 282**

- Shen Guan
- Zheng Wang
- Yuheng Wang

# Background

- Kids online learning platform: include e-books, e-learning videos and educational games

# Purpose

- Encourage kids enjoy learning
- Develop children's intelligence and learning ability

# Team work

<b>Work Division</b>	<b>Person in charge</b>
Animal Match Up game implementation	Shen Guan
Word snake game implementation	Zheng Wang & Yuheng Wang

## Goals in Sprint Backlog 2

Function	
Fruit + or - UI Design optimization	✓
Word snake UI design	✓
Word snake basic function implementation: shuffle cards, new game, calculate score/ get word definition/ get related pictures	✓
Animal Match Up UI design	✓
Animal Match Up implementation: game logic in javascript, randomly load image from database	✓

# Progress

- **All games are successfully implemented**
  - User can enter game from dashboard or the navigation bar.
  - User can receive the feedback after game ends and score would be recorded into database.
- **Database schema design**
  - Design score table for each game.

# Progress

- **Function Realization**

- **Game logic:**

- **Fruit + or -:**

- check the choice of the user with the answer, send back the true or false and the next question to the front end, and update the score of the game as well.

- **Animal Match Up:**

- Send the label to the backend after submitting and compare with the answer to get the final score.

- **Word snake:**

- Check connected alphabets horizontally and vertically, check whether the word is in the word list, also count bonus point if the alphabet from valid word occupy the bonus position.

# Expectations

- Improve UI design of game and add animation elements.
- In word snake game, we assign different weight for different cards shuffled to users.
- Perform unit test and user testing.



Demo Time





# Q&A