

Team Number: 109 - 2

Team Name: Pending...

Team Members: Ben Dumois, Tianwei Zhao, Drew McFaul, Alexis Acevedo, Mingyuan Lu

Project Milestone 4

<https://sreeshanath.github.io/Spring%202020/Project%20Milestones/Project%20Milestone%204/index.html>

Revised Features Listed In Priority Order:

Practice: The main function of the application where a user actually learns and develops the morse skill.

Settings: Where a user can manually change the speed, sound, tone, and other settings to the Practice and account functions.

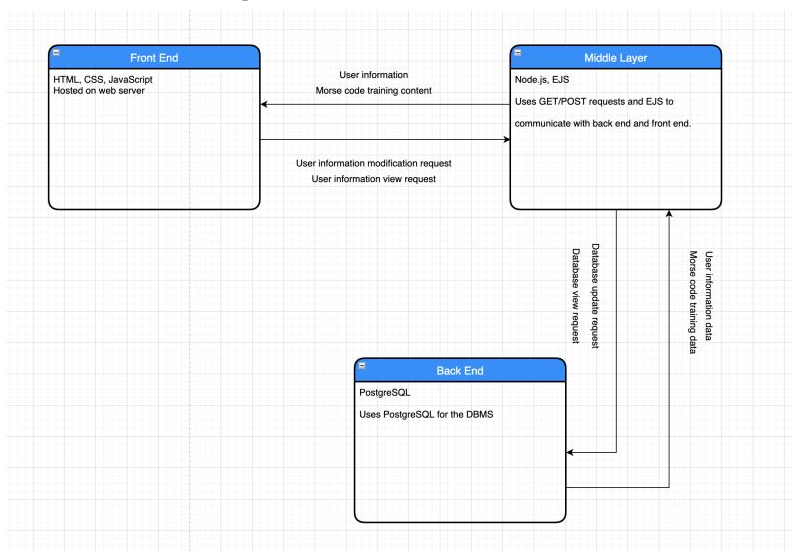
Tracker: A consolidated place to track goals and prior sessions in addition to overall statistics.

Converter: Gives the user the freedom to convert common text into morse code quickly and easily and save it into their account, as well as convert from Morse code to text.

Register: Account creation and management(?) Allows the user to create an account so that they can use the chat functions and save their lesson progress.

*** REMOVED * Chat Room:** An in-browser chat window connecting users and enabling them to converse in text or Morse. The user will be able to chat with auditory Morse code and by keying Morse to text.

Architectural Diagram:



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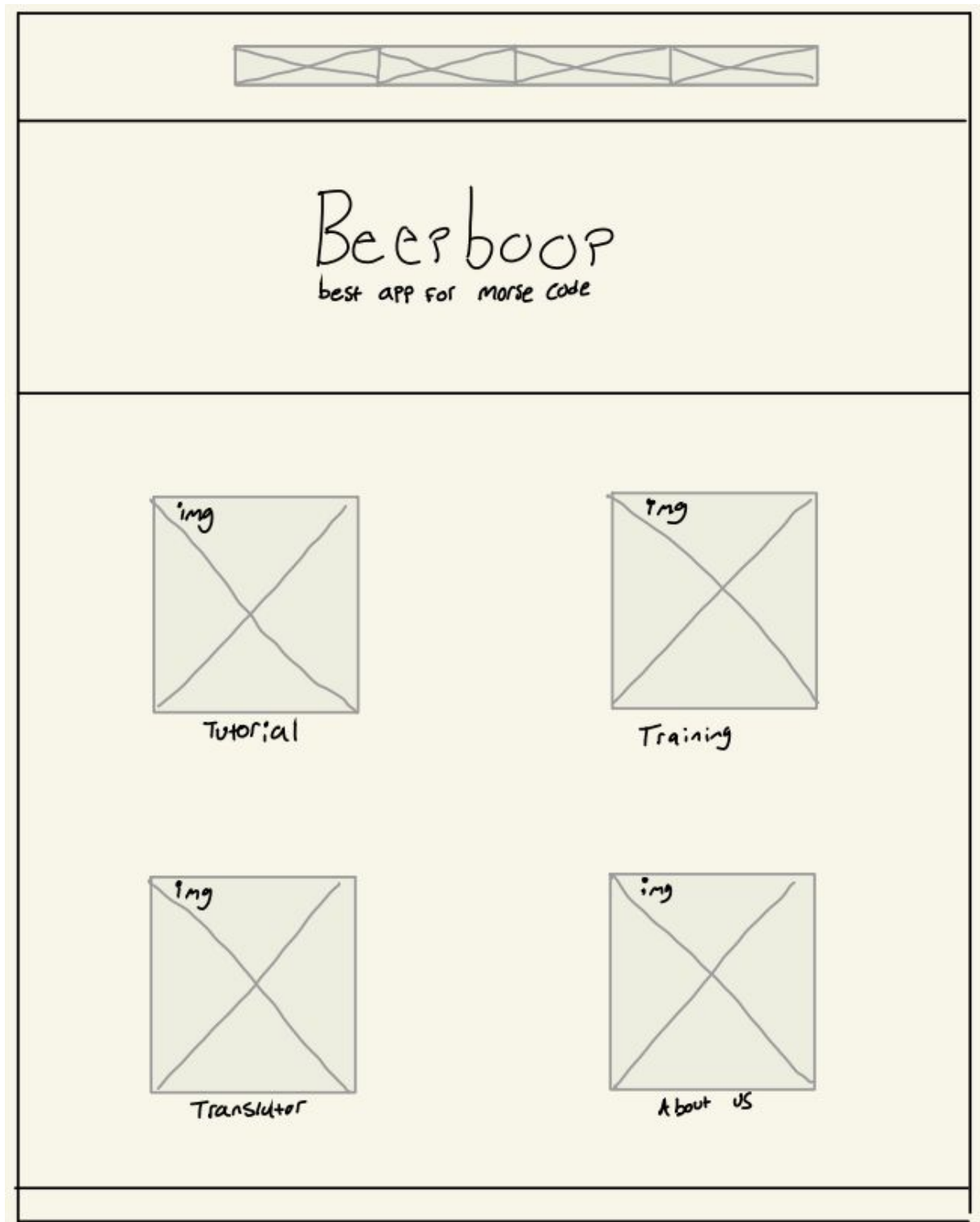
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Front End Design:

Homepage



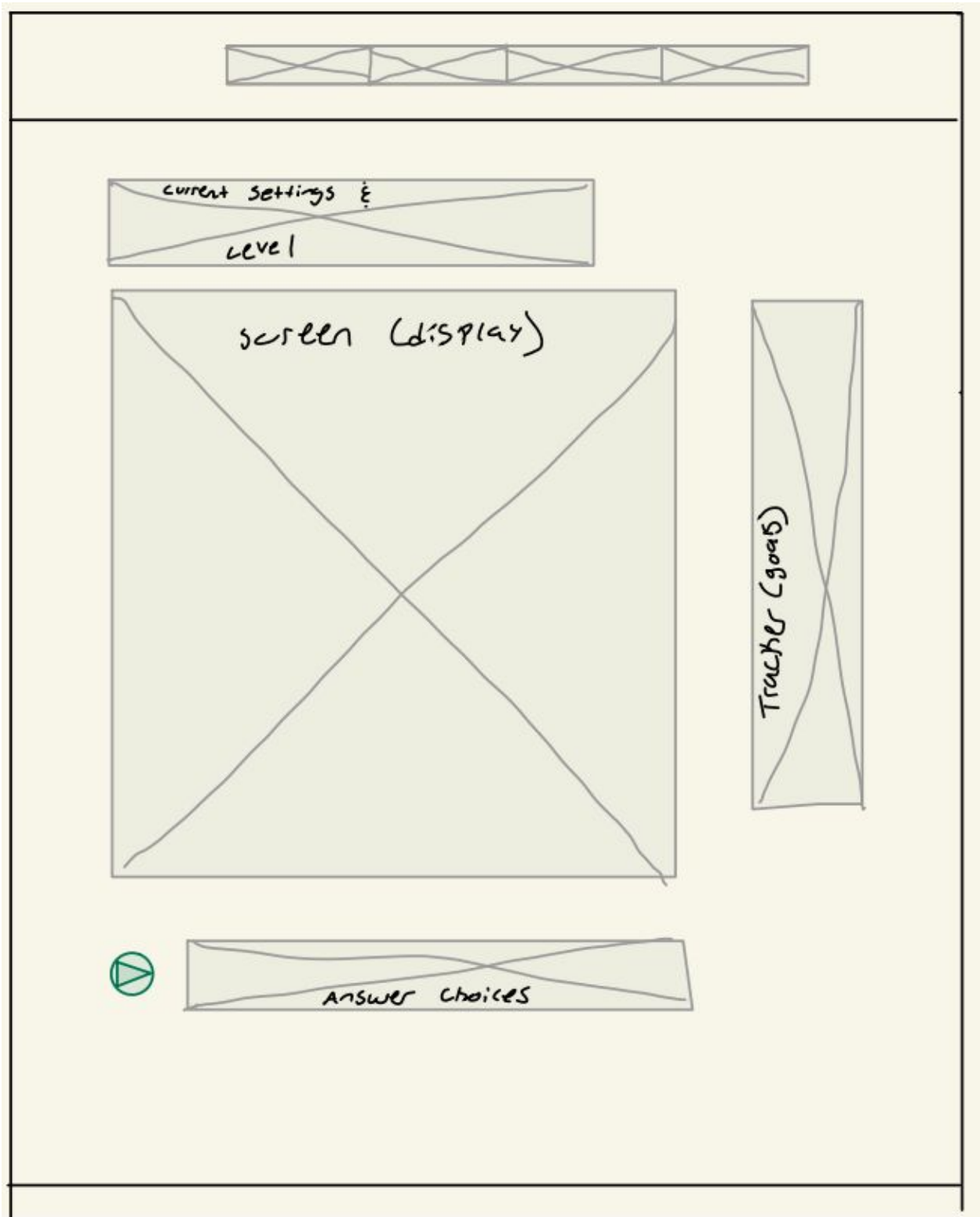
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Training




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Settings



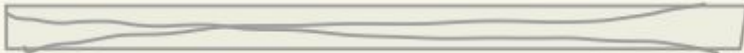
character speed




Effective speed




Tone

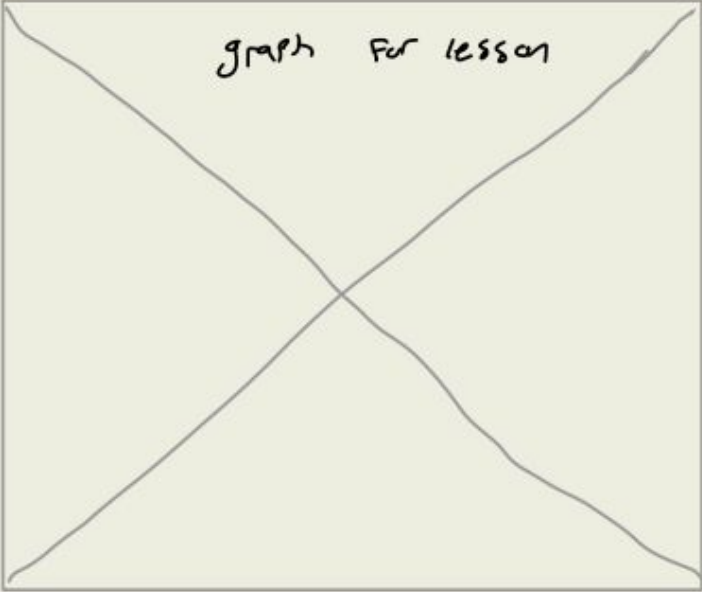


Delay

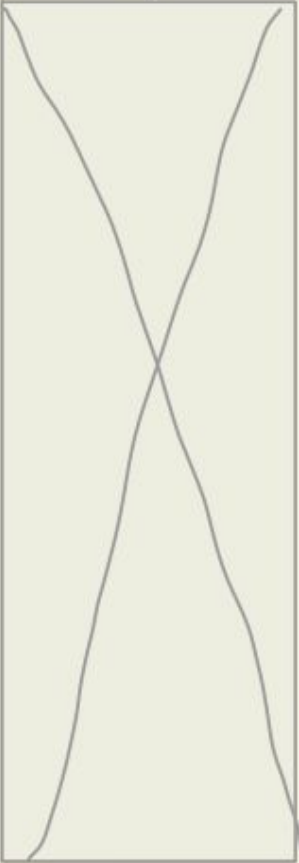


Select Lesson 

graph for lesson



Lesson \bar{E} accuracy




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Converter

	
Convert	<input type="button" value="▼"/>
<div>Insert</div>	
<div>Result</div>	

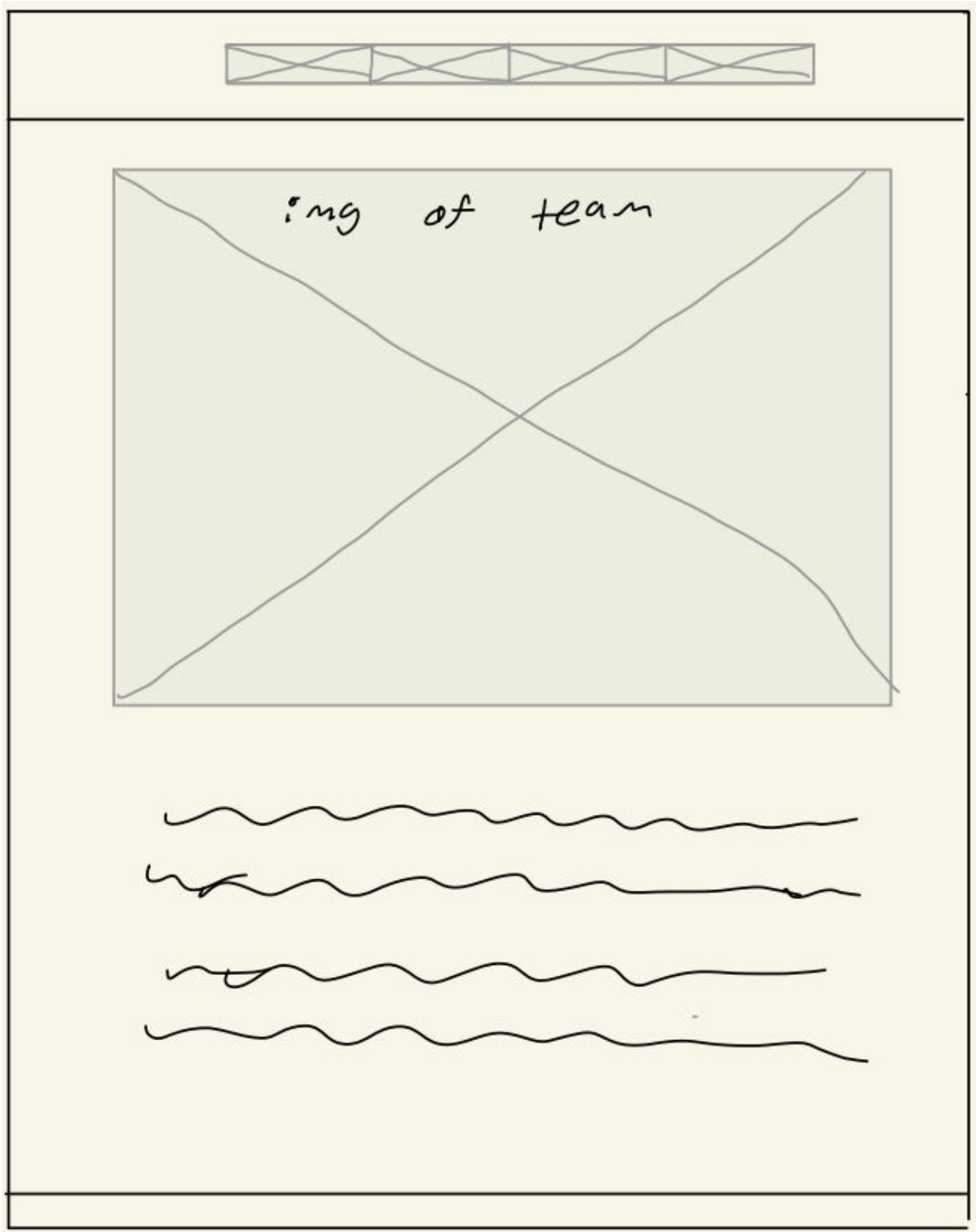
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About us



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Web Service Design:

At this time, our project is not using any APIs.

Database Design:

We are using PostgreSQL for our DBMS. The information we are storing is a unique ID for each user, their password, username, email, level progress, stats about how they've been doing in the lessons, and settings.