

MICHIGAN STATE

UNIVERSITY

Alpha Presentation

Gamifying GameChang3rs

The Capstone Experience

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*From Students...
...to Professionals*

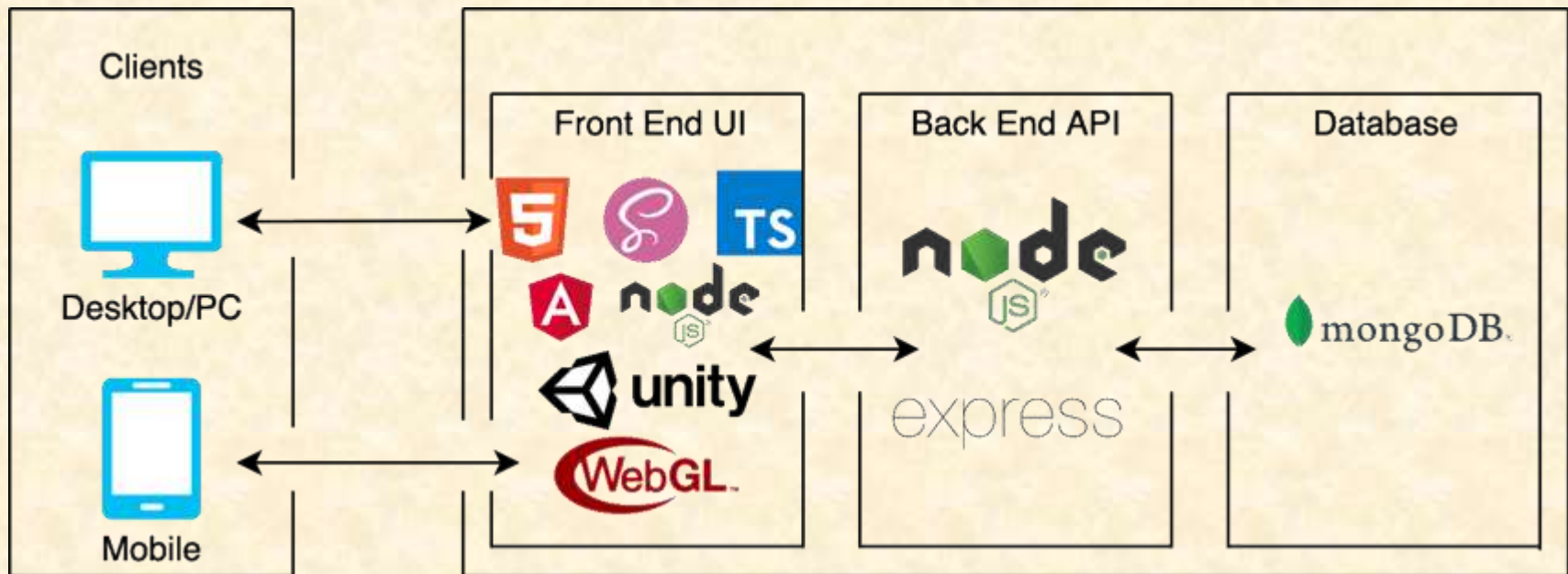
Department of Computer Science and Engineering
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Spring 2020

Project Overview

- Create a web application designed for children
- Integrate online games to reinforce message of GameChang3rs
- Provide statistics for program administrators



System Architecture



Games Page

LOGOUT

gamechang3rs

HOME GAMES MY PAGE

Games

Moral Match Sandwich Stacker Life of Legacy Endless Runner

Play game Play game Play game Play game

Rig-a-ma-Ring Monster Mash

Play game Play game

education	Lv. 12	52/100 XP
goals	Lv. 9	70/100 XP
integrity	Lv. 8	36/100 XP
compassion	Lv. 9	27/100 XP
friends	Lv. 13	84/100 XP
humor	Lv. 17	62/100 XP



Avatar Creation

Game Changers

education Lv. 12 52/100 XP

goals Lv. 9 70/100 XP

integrity Lv. 8 36/100 XP

compassion Lv. 9 27/100 XP

friends Lv. 13 84/100 XP

humor Lv. 17 62/100 XP

HOME GAMES MY PAGE

My Page

PRINT STATS

PRINT AVATAR

EDIT AVATAR

CHANGE COLOR

CHANGE BODY

SAVE



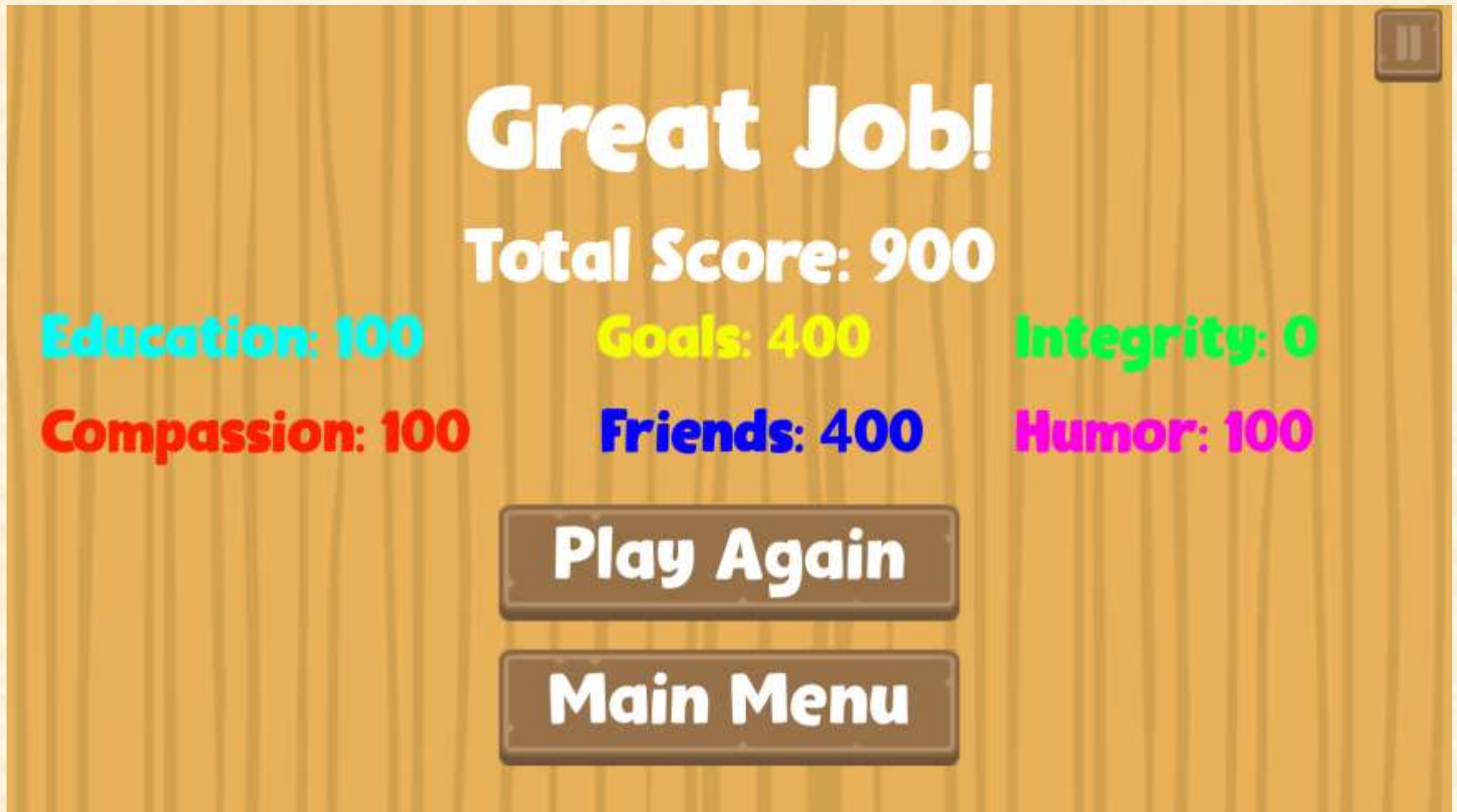
Moral Match

Score: 100

The image shows a memory matching game interface. In the top left corner, the text "Score: 100" is displayed. The main area contains a 3x6 grid of cards. Two cards are visible: one in the top row, second column, and one in the middle row, sixth column. Both visible cards feature an illustration of a soccer player in a red jersey and white shorts, kicking a soccer ball. Above the player, the text "achieving adam" is written in yellow. The remaining 14 cards in the grid are blue with a diagonal line pattern. In the top right corner, there is a small brown square button with a white pause symbol.



Moral Matching End Screen



What's left to do?

- Create prototype of 4th game
- Get feedback for the game Moral Matching
- Finish working on the Stacking Game and Endless Runner Game
- Add mobile/tablet support
- Determine collected statistics to report on



Questions?

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