CSCE606 - Team TensorFlow

Biology Games 2

Iteration 0 Report

04/12/2021

**Team Members:**

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**Team Roles:**

Scrum Master: Jiateng Sun

Product Owner: Jinjin Jiang

**Customer Meeting Date/Time/Place:**

First meeting: 04/07/2021, 9:00 a.m., Zoom

Weekly meeting: Thursday, 9:00 a.m., Zoom

**Summary:**

* Customer need: The Biology Learning Games will be used by the employees at the Veterinary Medical & Biomedical Sciences Department to help reinforce the learning of biology concepts for 6th grade students. After the meeting with the customer, we have gained a general understanding of what the customer wants in this project. In the first place, since this is a legacy project, we need to test the games developed by the previous team and make it run correctly in our front-end framework. In the second place, we are required to deploy the games onto [the](https://vetmed.tamu.edu/peer/) StepStone authoring system and <https://vetmed.tamu.edu/peer/>. Lastly, we should try to come up with new ideas which will facilitate the learning procedure for those 6th grade students, develop new biology games based on those ideas and also deploy them onto the peer website and the StepStone authoring system. The customer also suggests that we should include a backend framework to provide more features if possible.
* The stakeholders of this project are the employees and customers of the Veterinary Medical & Biomedical Sciences Department of Texas A&M University.

**User Stories:**

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| Feature: Deploy games across modules |
| As a user, I want to be able to play the crossword game and the picture game in all modules using almost the identical codes. |

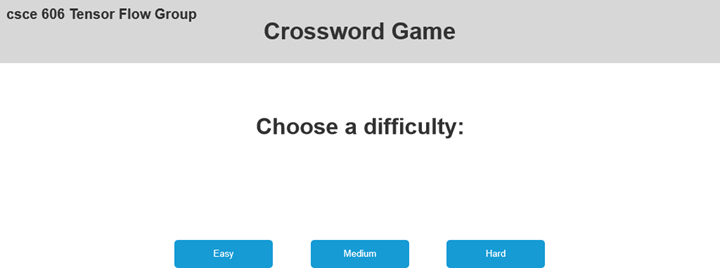
|  |
| --- |
| Feature: Deploy games on a website instead of stepstone |
| As a user, I want to be able to deploy the game on the peer.tamu.edu worldpress website instead of the StepStone environment |

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| Feature: Develop new word games |
| As a user, I want to have more word games on the website |

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| Feature: Develop new picture games |
| As a user, I want to have more picture games on the website |

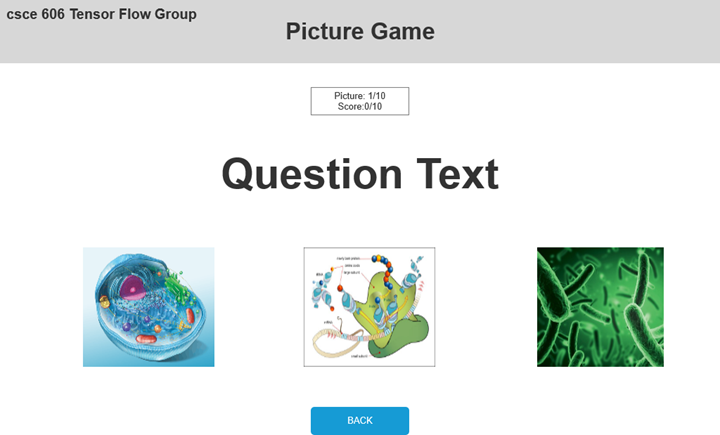
**User Interface:**

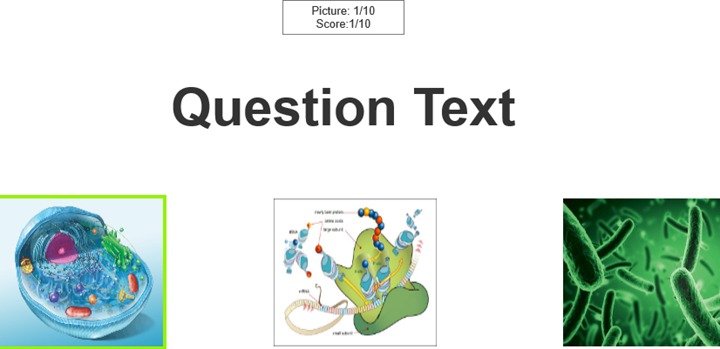
Crossword Game:

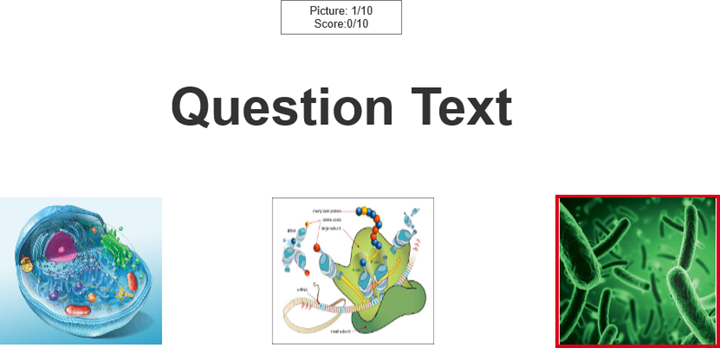




Picture Game:







**Links:**

GitHub: <https://github.com/laosong-2020/BiologyGames>  
Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2495359>

**Legacy Report**

Performance in Prior Project

* What we inherit from this legacy project are crossword and qicture quiz games in 4 sections concerned with biology concepts. These games are written in .html and .js and deployed on the StepStone authoring system.

Goal & Strategy

* The limitations on prior projects are that their codes are deployed on StepSton alone. What our customers want, which is our final goal is to deploy it on <https://vetmed.tamu.edu/peer/>.
* Besides that, we are required to develop more games rather than previous crosswords and picture quiz.

Towards that, our strategy can be separated ot a few steps:

1. We need to test the games developed by the previous team and make it run correctly in our front-end framework.
2. we are required to deploy the games onto [the](https://vetmed.tamu.edu/peer/) StepStone authoring system and the website.
3. we should try to come up with new ideas which will facilitate the learning procedure for those 6th grade students, develop new biology games based on those ideas and also deploy them onto the peer website and the StepStone authoring system.

User Story

This user story concerns the improvement we need to finish upon the prior project.

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| Feature: Deploy games on a website instead of stepstone |
| As a user, I want to be able to deploy the game on the peer.tamu.edu worldpress website instead of the StepStone environment |

The following two stories are also improvements for what was done in the past

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| Feature: Develop new word games |
| As a user, I want to have more word games on the website |

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| Feature: Develop new picture games |
| As a user, I want to have more picture games on the website |