

Storybook Road

Learning Words Through Fairy Tales

Release 1

Release 2

Release 3

- Issues merging via GIT
- Issues integrating MongoDB (callbacks)

- Consider moving away from websockets
- Game menu (focus on?)
- Basic animations for all images
- 4 Puzzle Types functional
- Authentication

- In Depth Animations (GIF)
- 3 Puzzle Types (instead of 6)
- Load order of images
- Story generation algorithm
- Save states
- Statistics
- The Best Words

Storybook Road

User Manual

Welcome to Storybook Road!



Enter



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Mission Statement

Teach students to read through interactive
storytelling using elementary school course
material

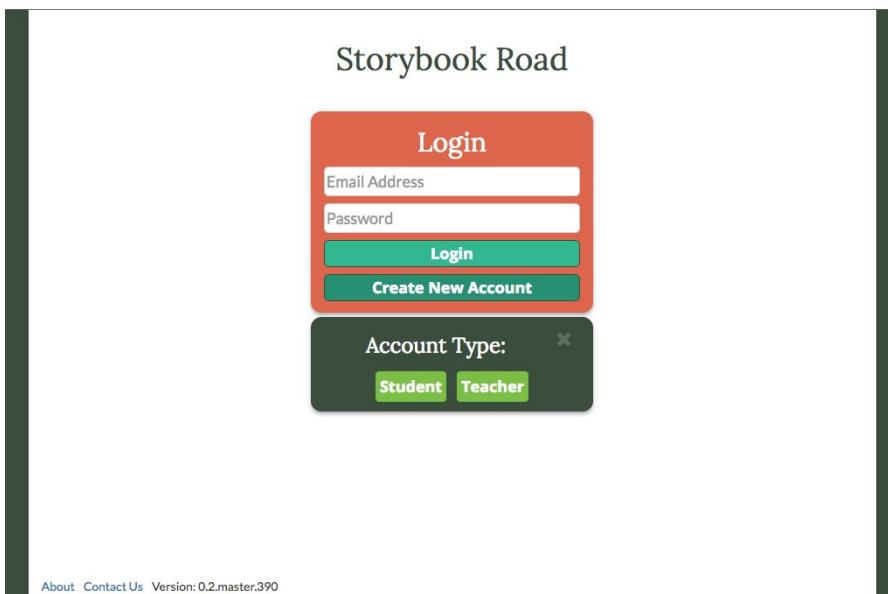


Creating A Teacher Account

1. From the main page click “Enter”



2. Click “Create New Account” and select “Teacher”





Creating A Teacher Account

3. Complete the form

New Account

Email Address:

Password:

Confirm Password:

First Name:

Last Name:

School:

Personal Statement:

[Create Account](#)

[Cancel](#)

[About](#) [Contact Us](#) Version: 0.2.master.390

4. Click “Create Account”

New Account

Email Address:

Password:

Confirm Password:

First Name:

Last Name:

School:

Personal Statement:

[Create Account](#)

[Cancel](#)

[About](#) [Contact Us](#) Version: 0.2.master.390



Creating A Teacher Account

5. Enter credentials when account was created and click “Login”

Storybook Road

Login

ggagne@westminstercollege.edu

.....

Login

Create New Account

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6. This will take you to the teacher homepage

Greg Gagne's Homepage

Greg Gagne's Classes: +

No classes created.

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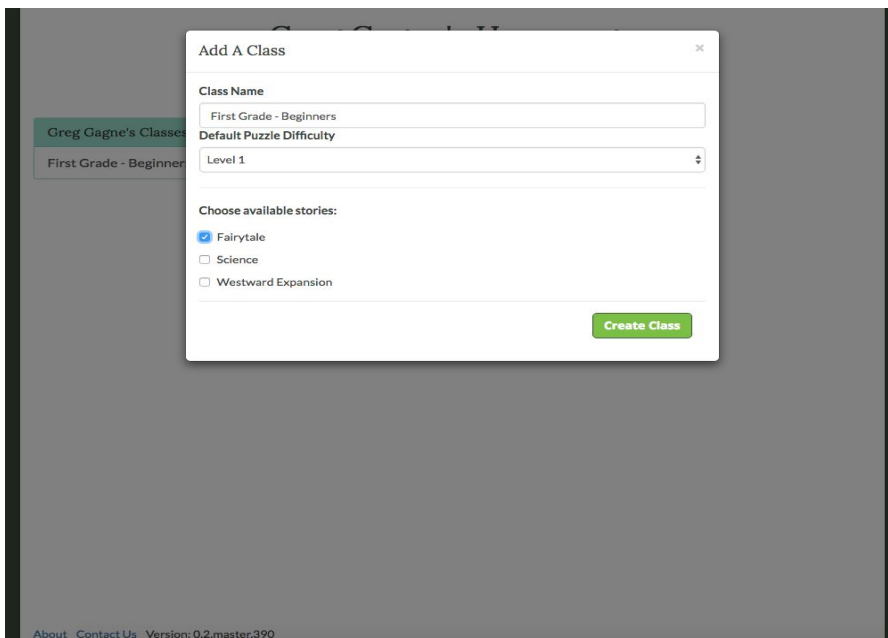


Class Creation

1. After logging in with teacher credentials, click the “+” button on the right side



2. Complete the form with desired class info and click “Create Class”





Class Creation

3. After logging in with teacher credentials, click the “+” button on the right side. Repeat this process if there are additional classes to add

Greg Gagne's Homepage

Greg Gagne's Classes: +

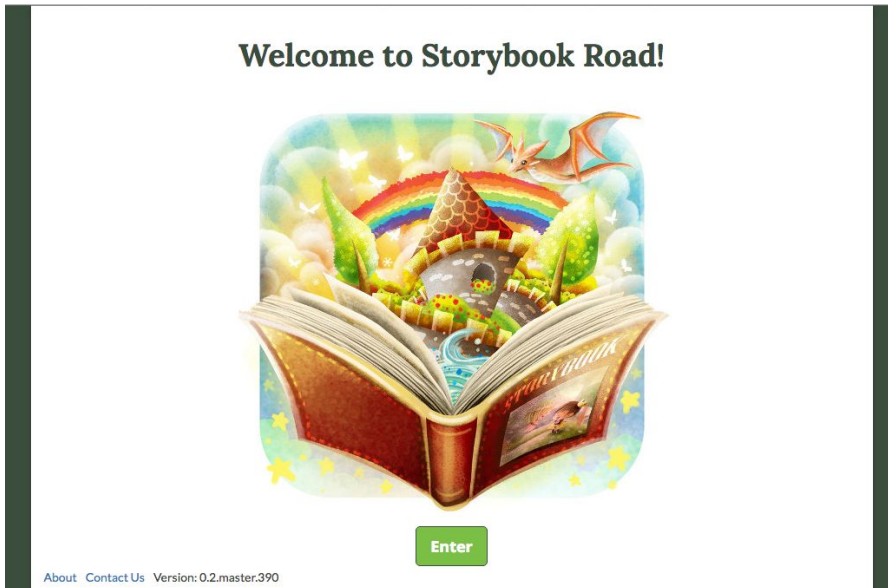
First Grade - Beginners
First Grade - Intermediate
First Grade - Advanced
First Grade - AP Level
First Grade - Extra Credit

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Creating A Student Account

1. From the main page click “Enter”



2. Click “Create New Account” and select “Student”





Creating A Student Account

3. Complete the form

The screenshot shows a 'New Account' form with the following fields: Email Address, Password, Confirm Password, First Name, Last Name, School (dropdown), Teacher (dropdown), Class (dropdown), and Personal Statement. At the bottom are 'Create Account' and 'Cancel' buttons. The footer text is 'About Contact Us Version: 0.2.master.390'.

4. Click “Create Account”

The screenshot shows the 'New Account' form with the following fields filled out: Email Address (jdr0310@westminstercollege.edu), Password (masked with dots), Confirm Password (masked with dots), First Name (Jameson), Last Name (Reynolds), School (Westminster College), Teacher (Greg Gagne), Class (First Grade - Advanced), and Personal Statement (Go Griffins!). The 'Create Account' and 'Cancel' buttons are at the bottom. The footer text is 'About Contact Us Version: 0.2.master.390'.



Creating A Student Account

5. Enter credentials and click “Login”

Storybook Road

Login

Login

Create New Account

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6. This will take you to the student homepage

Jameson Reynolds's Homepage

Jameson Reynolds's Stories:

You haven't started any stories yet!

Continue

New Story

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Gameplay



Story building games:

player must use certain parts of speech/words, but the story builds dynamically based on their input

Game organized into levels:

each level is a separate story; beginning, middle and end

Levels have a series of puzzles:

the puzzles reflect the story such that solving the puzzle advances the story to the next scene

Each puzzle results in the line of the story for that page



General Information

Architecture of Systems

Client:

JavaScript

CSS

HTML

Server:

Node.js:

Server-side JavaScript

MongoDB:

Open source document database

Express:

Minimalistic web framework that's lightning fast

Jade:

HTML templating language

Deployment:

Amazon Web Server

Supported Browsers

Mozilla Firefox

Google Chrome

Safari

Guidelines



Login:

Must be logged in as a student to access the game

Teacher access:

Story creation

Story:

Choose story

Fairytale

Science

Western

Each story includes

- Beginning
- Middle
- End

View student progress and assign story

- Set individual difficulty levels

Student access:

Continue game or start new game