Mathtastic Games Apple Addition

This game was created to encourage young individuals to embrace the complex world of mathematics. Players are able to toggle images and choose the game difficulty. Players who have an account are able to track their history of "tricky questions" to keep track of their progress.

Getting Started

In the projectDocs directory, you will find a setup.sql document that will create a "mathtastic" database and enter some information. You will receive the questions, images, and two test users. One user will have a history of "tricky questions", while the other will not.

If you do not already have a user with a password created on MySQL, you will need to create one. The database.properties file will need to be updated with your username and password.
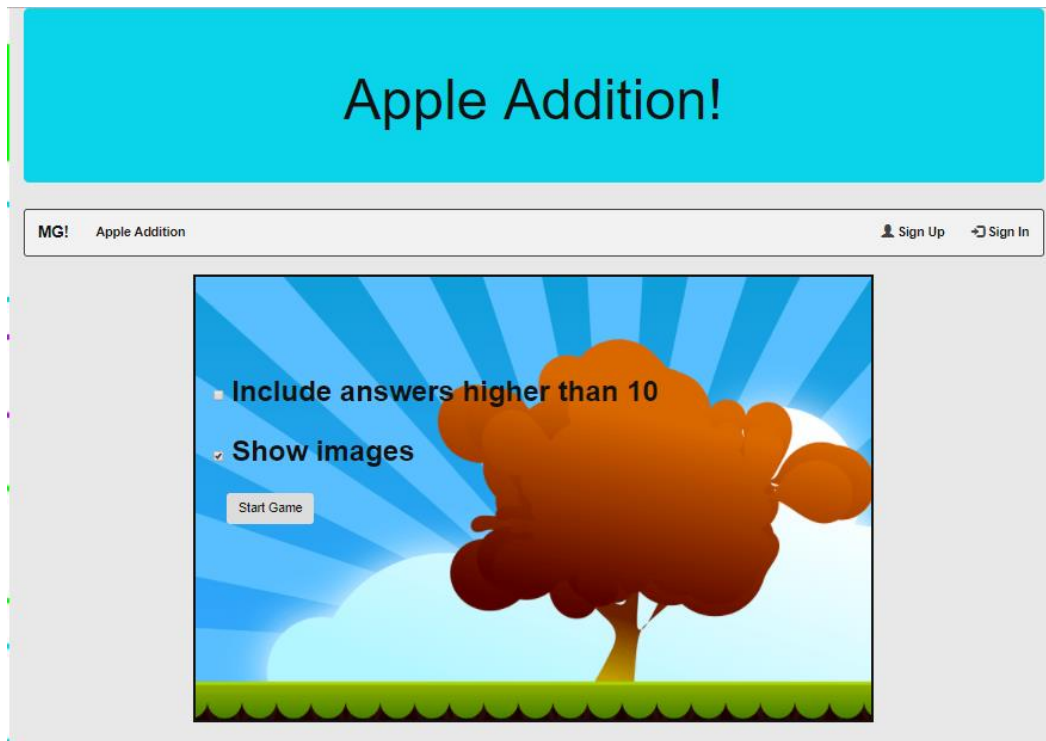
Next Steps

When the application is launched, you should be greeted with this:
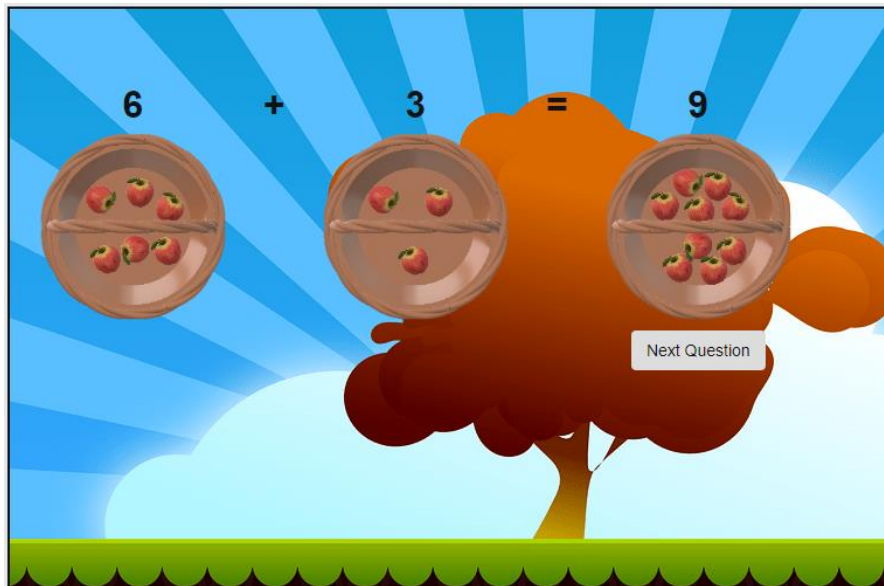
Players who do not wish to use an account can go directly to the Apple Addition game.
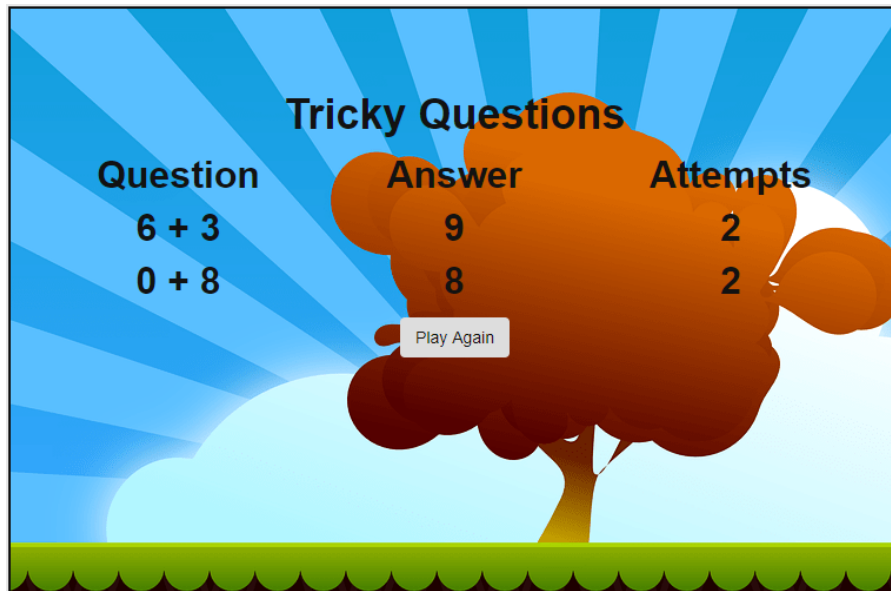
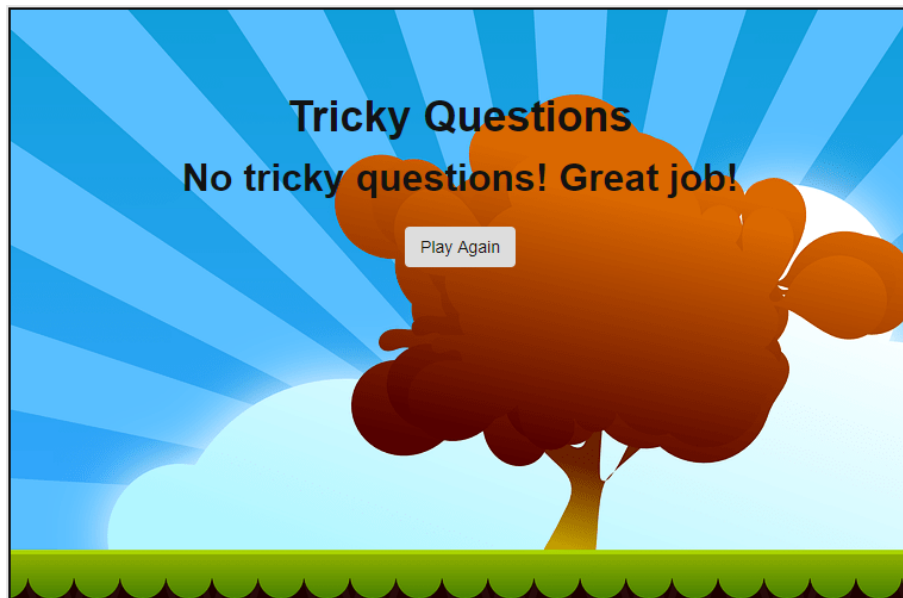The starting page for the game should look like this:

After each question, players are shown the correct answer:

At the end of the game, players who answered one or more questions wrong will see the questions they missed along with the number of times they attempted to answer correctly:

Players who got through the whole game without answering a single question wrong should see:
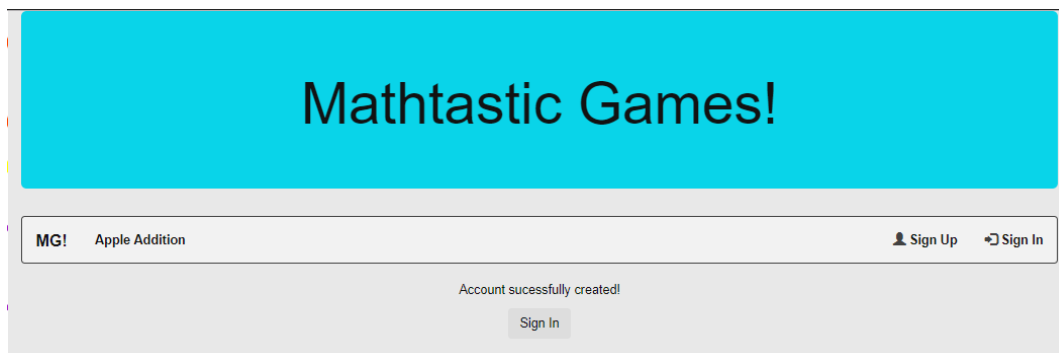
Players who wish to create an account should go to the Sign Up page:

Mathtastic Games! Sign Up

| MG! Apple Addition | | Sign Up | Sign In |

First Name	
Last Name	
Email Address	
Password	
Confirm Password	
Date of Birth	MM ▾ DD ▾ YYYY

Sign Up! Clear

Already have an account? Please sign in.

When the user successfully creates an account, they should see:

Mathtastic Games!

| MG! Apple Addition | | Sign Up | Sign In |

Account sucessfully created!

Sign In

Once an account is created, the user can use the Sign In page:

Mathtastic Games! Sign In

| MG! Apple Addition | | Sign Up | Sign In |

| Email | |
| Password | |

Sign In

New user? Please sign up.

Once signed in, the user can go to their account page to update their information:

Account Settings

View Apple Addition Tricky Question History

Name	Holliann Niesen	Edit
Email	test@mathtastic.com	Edit
Birthday	Feb 16, 1993	Edit
Password		Edit
Current Password		

Save Changes

From there the user can view their "tricky question" history:

Apple Addition Tricky Questions

Tricky Question History

Question	Answer	Attempts	Date Asked
8 + 2	10	2	Aug 18, 2017
0 + 6	6	2	Aug 16, 2017
10 + 0	10	2	Aug 16, 2017
0 + 10	10	2	Aug 16, 2017
5 + 2	7	2	Aug 16, 2017
4 + 1	5	2	Aug 15, 2017
3 + 4	7	2	Aug 15, 2017
0 + 2	2	3	Aug 15, 2017
9 + 0	9	2	Aug 15, 2017

Apple Addition Tricky Questions

Tricky Question History

Nothing to show here! Great job!