**Code Academy**

Testing

**Phase I**

T.1- Sign in Button on “Welcome” page

T.1.1- make sure sign in button goes to sign in page

T.1.2 – make sure transition is >5 seconds to sign in page

T.2 – Create New Account Button on “Welcome” page

T.2.1 – make sure create new account button goes to create new account page

T.2.2 – make sure transition is >5 seconds to create new account page

T.3 – Email (Username) for Existing and New Account

T.3.1 – check emails with less than 1 and more than 50 characters

T.3.2 – test with invalid email domain

T.3.3 – try to create multiple accounts with the same email

T.3.4 – try to login in with email that hasn’t been entered into the database

T.4 – Password for Existing and New Account

T.4.1 – check passwords with less than 3 and more than 25 characters

T.4.2 – make sure that you can’t use a different password with an existing account

T.4.3 – make sure password is encrypted

T.4.4 – make sure password links to existing account

T.5 – First Name Field

T.5.1 – Check >1 and <25 characters

T.6 – Last Name Field

T.6.1 – Check >1 and <25 characters

T.7 – School Name Selection

T.7.1 – Check the school selection process is a drop down box

T.7.2 – make sure only valid partnered schools are listed

T.8 - Tab

T.8.1 – check it is easy to maneuver with tab button

T.9- Cursor

T.9.1 – make sure cursor is in first possible box

T.10 – Submit Button on Create Account Page

T.10.1 – click submit on create account page and make sure it goes to home page

T.11- Return to Welcome Page Button

T.11.1 – check return to welcome page works correctly

T.11. 2 – take >5 seconds to

T.12- Re-Enter Password Field on “Create Account” page

T.12.1 – check >3 and more than 25<

T.12.2 – make sure I can’t use two different passwords

T.13 - Error Message for Email

T.13.1 – check that error message pops up if logging in with invalid email

T.14 – Error Message for Password

T.13.1- check that error message pops up if logging in with invalid password

T.15 – Forgot Password Button

T.15.1 – check that there is a forgot password button

T.15.2 – check this button takes you to a different page

T.16 – “Submit” button on “Sign In” page

T.16.1 – check that submit button on sign in page takes to homepage

T.16.2 – check this takes less than >5 sec

T.17 – Leadboard by School

T.17.1 – make sure database is accurate with 1st school by points

T.17.2 – by second

T.17.3 – by third

T.18 – Leaderboard by Name

T.18.1 – Accurate 1st score

T.18.2 – 2nd

T.18.3 – 3rd

T.19 – Game Options

T.19.1 – when you open a new game it loads previously saved progress

T.19.2 – make sure game links got to correct games

T.19.3 – takes >5 seconds

T.20 – Log Out

T.20.1 - make sure log out button goes to welcome page

T.20.2 – takes >5 seconds

T.20.3 – look for log out button on all pages

T.21 – “Change Password” button

T.21.1 – make sure change password button is on every page when logged in

T.21.2 – make sure it takes you to the right place

T.21.3 – make sure logged in to change passwords

T.21.4 – takes > 5 seconds

T.22 – “Change Password” page

T.22.1 – must have old password to change

T.22.2 – cant change to the same thing

T.22.3 – make sure new and confirm match

T.22.4 – error message if something is wrong

T.22.5 – error message if new and confirm do not match

T.22.6 – error if current and new match

T.22.7 – make sure changes are saved to database ie new password works

T.22.8 – after saving changes open on home page

T.22.9 – takes >5 seconds

T.23 – “Start Over” button on “Game page”

T.23.1 – make sure start over clears old code

T.24 – “Hint” button on “Game Page”

T.24.1 – hint takes >5 seconds

T.24.2 – make sure hints are helpful

T.24.3 – each game and each level of each game has hints

T.24.4 – always available

T.25 – “Instruction” pop up page

T.25.1 – instructions take > 5 seconds

T.26 – “Close” button on “Instruction” pop up page

T.26.1 – after pressing close go back to game page

T.26.2 – close in > 5 seconds

T.26.3 – make sure close button is on every page

**Phase II**

T.1 – Email on “Forgot Password” page

T.1.1 – test with invalid emails

T.1.2 – test with >1 and <50 characters

T.1.3 – try email without a valid domain

T.2 – Submit Button on “Forgot Password” page

T.2.1 – test that submit takes you to verification page

T.2.2 – test takes > 5 seconds

T.3 – “Verification Code” Field

T.3.1 – try verification code with >5 and <7 characters

T.3.2 – try using different validation codes from different emails

T.4 – “Submit” button on “Verification” page

T.4.1 – make sure submit button takes to verification

T.4.2 – takes >5 seconds

T.5 – “New Password” Field on “Reset Password” page

T.5.1 – test passwords >3 and <25 characters

T.5.2 – make sure it can’t be pre-existing password

T.5.3 – make sure it is encrypted

T.6 – “Re-Enter Password” Field on “Reset Password” page

T.6.1 – test passwords >3 and <25 characters

T.6.2 – test different from field above to ensure that both have to be the same

T.6.3 – make sure its encrypted

T.7 – “Submit” button on “Reset Password” page

T.7.1 – test submit button takes you to home page

T.7.2 – takes >5 seconds

T.8 – “Create Account” verification

R.8.1 – check names that haven’t been added to the system by partnered schools

R.8.2 – try making multiple accounts under the same student name