Deliverable 3

Team Buttermoss

Alex Lambert

Evan Pernu

Phansa Chaonpoj

Todd Crane

Thomas Schmidt

https://cranet.github.io/buttermoss/

Contents

Introduction

Team Buttermoss set out to design an application to simplify the registration process for Just BeWeave. In our first iteration of this development process our application has core functionality, allowing for users to register for a category for a single event. The reason to focus on only one event was because it gives more time to focus on more aspects of the application, and build it in such a way to make it be portable when we expand to multiple events. Admin capabilities are completely fleshed out, allowing for create/modify/delete categories, contestants, and judges. The purpose of make the admins our main focus was because it would allow them to test the application in the early stages and allow us to get feedback from them before the general population is allowed to test it.

The application runs from a single window. The registration process just requires a name and an email, and will generate a unique key to allow for login. The key that is generated allows for the user to login and access their categories that they signed up for as well as the total list of categories and judges. The registering for categories is made simple by showing the complete list of categories and the user just needs to select the category they wish to sign up for then click the register button to add it to your list. Simplification was the goal when we started this process and we believe we were able to achieve this.

Requirements

User Story 1: As an admin, I want to be able to add/modify/remove a category.

This is fully Implemented

User Story 2: As a user, I want to be able to register for a category.

Business Rules:

1. Contestants can only sign up for a maximum of 3 contests – Not Implemented

2. Judges cannot also be contestants - Implemented

3. Contestants must sign up for events 2 weeks before the event – Not Implemented

4. All entries must be from a single registered contestant – Fully implemented

User Story 3: As a contestant, I would like to be consider for the Judge position.

Business Rules:

1. Judges cannot also be contestants - Implemented

2. Judges can judge more than one contest, assuming no time conflict. – Not implemented

Instructions

Locate to where you downloaded the zip file, and unzip it. Inside the BeWeave folder locate the BeWeave.exe and open it. You will see the login page and have the option to register or login. The login button will take the user to the main screen after they type in their credentials. The Register button takes them to the page to add them to the database and allows them to access other parts of the application.
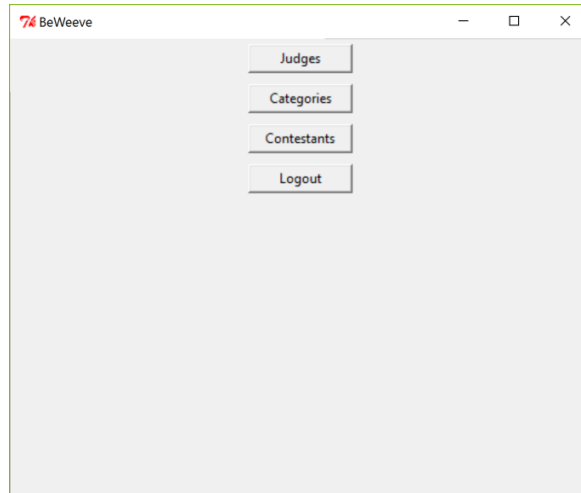
User Story 1: As an admin, I want to be able to add/modify/remove a category

You are an admin at Just BeWeave and you want to add the "Plain Weave" category to the database so contestants can sign up for it.
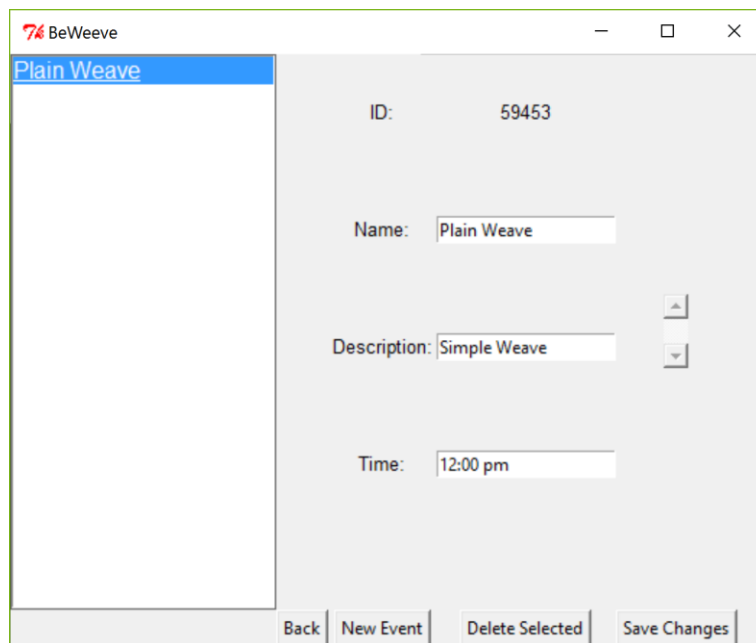
1. Open BeWeave.exe. Click on User ID field and enter the ID: 12345 and press login.
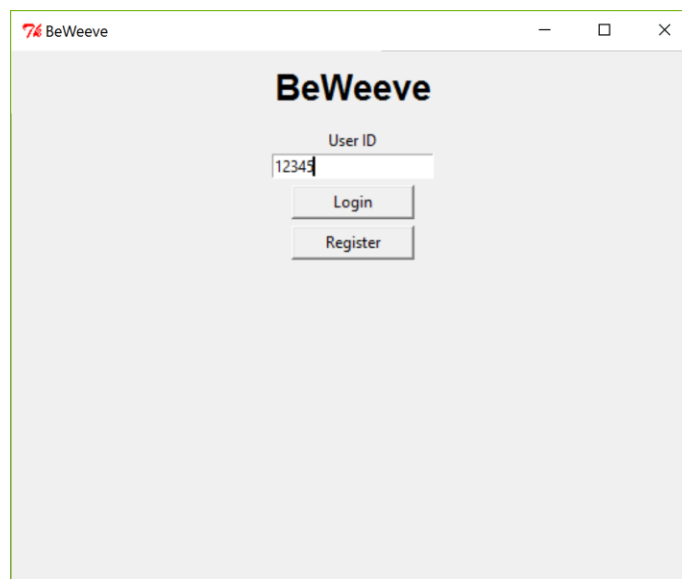
2. Click on the Categories Button

3. Select New Event, then in the Name field enter "Plain Weave" and enter the description of "Simple Weaves" and the start time as 12:00pm. Click on Save Changes, this will generate a unique ID that can be used by admins to set judges schedules.

4. Congratulations! You have successfully added the Plain Weave to the database, user can now sign up for it. Exit completely out of BeWeave to have the effects go live.

User Story 2: As a user, I want to be able to register for a category

You are Gerald Brown and you just heard about the exciting new "Simple Weave" competition being put together by *Just BeWeave* and wish to sign up for the event.
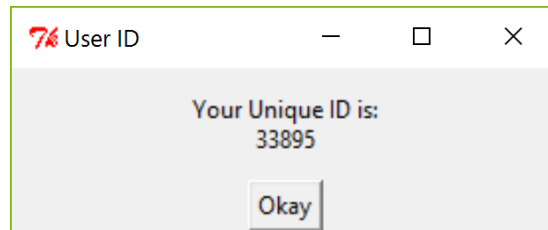
1. Open BeWeave.exe. Click on Register.

2. Enter your name (Gerald Brown) in the name text field. Enter your Email which is gbrown@gmail.com and press submit.
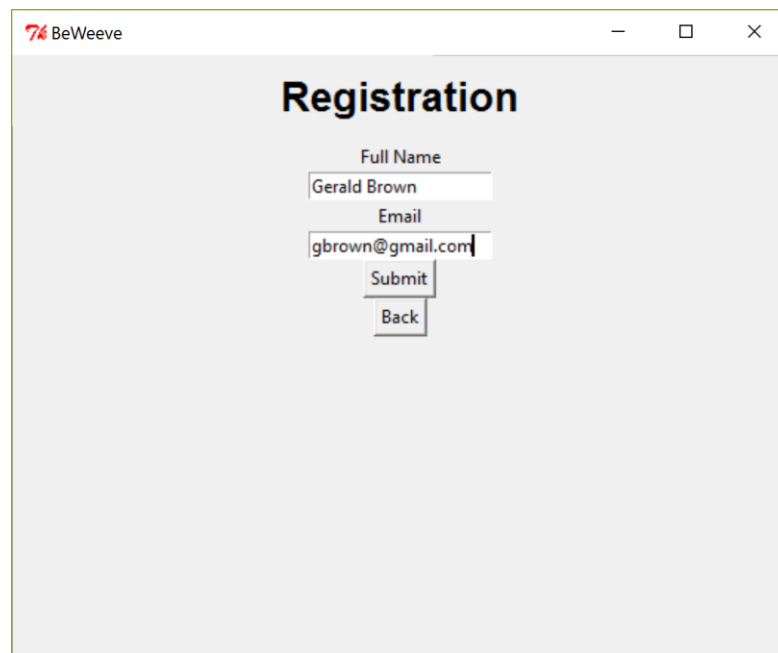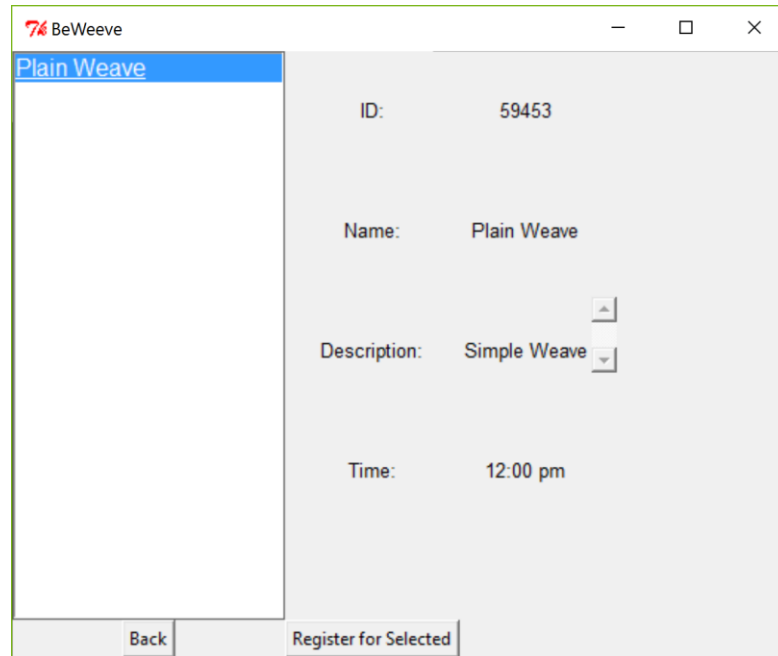
3. A popup window will come up and tell you your unique ID which you can use to login at later date to sign up for different categories or events when they are implemented. Press Okay. (note your ID will likely be different)

4. Click on the Event Schedule button.
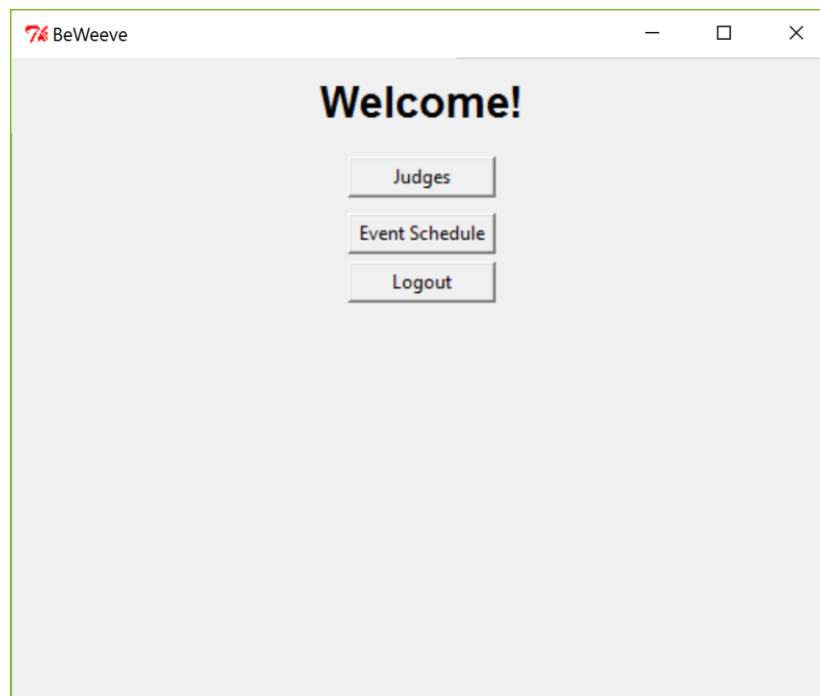
5. Double click on Plain Weave on left. Click on the Register for Selected Button on the

    bottom of the page.

6. Congratulations! You have successfully signed up for the "Plain Weave" Competition. Now
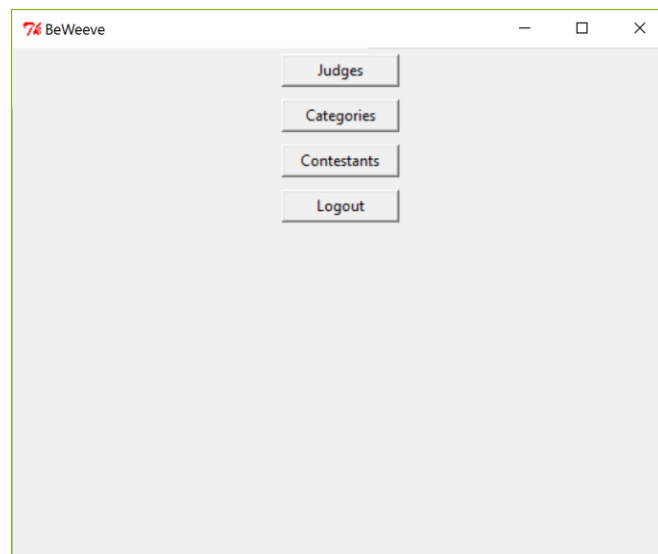
    Close the application.

User Story 3: As a contestant, I would like to be consider for a judge position

You are an admin and the new Plain Weave competition needs a judge. The registered contestant, Gerald Brown has expressed interest in judging and has all the qualifications to do so.

1. Open BeWeave.exe. Enter your Admin ID (12345) and press Login.
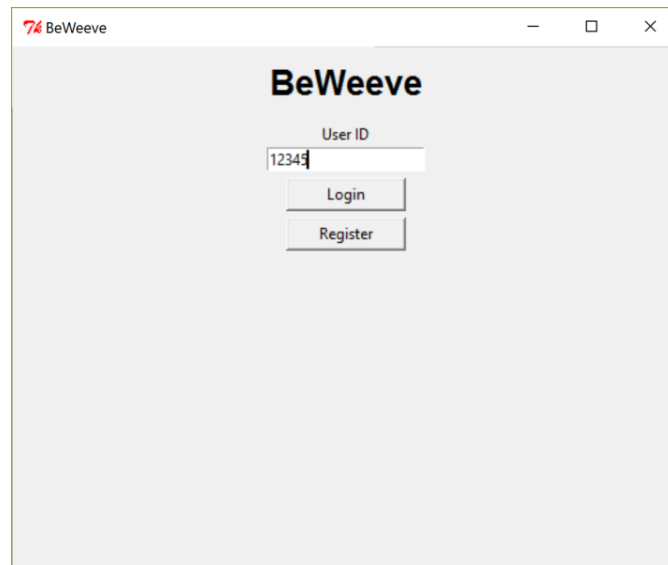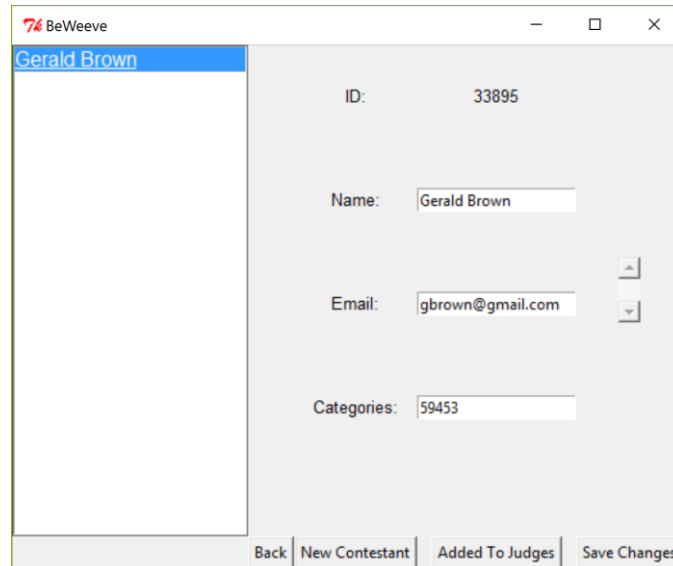
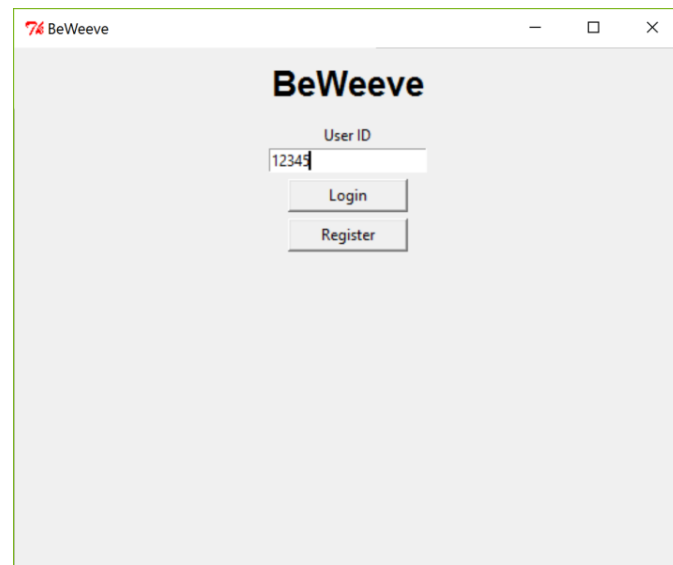

2. Click on the Contestants button.

3. Double click on the user Gerald Brown on the left side. Click on the Add to Judges button on the bottom. Then on Save Changes. Then completely close the application. (this is a bug that will be addressed during a later iteration)

4. Open BeWeave.exe. Login in with your Admin ID (12345)

5. Click on the Categories button (this is just to get the id)
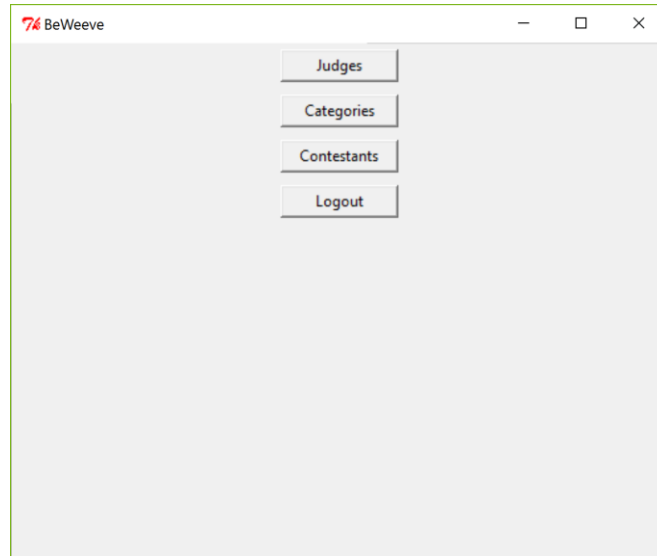
6. Double click on the Plain Weave on the left side. Scan for the ID at the top of the page.

Then press the back button. (note your ID will likely be different)
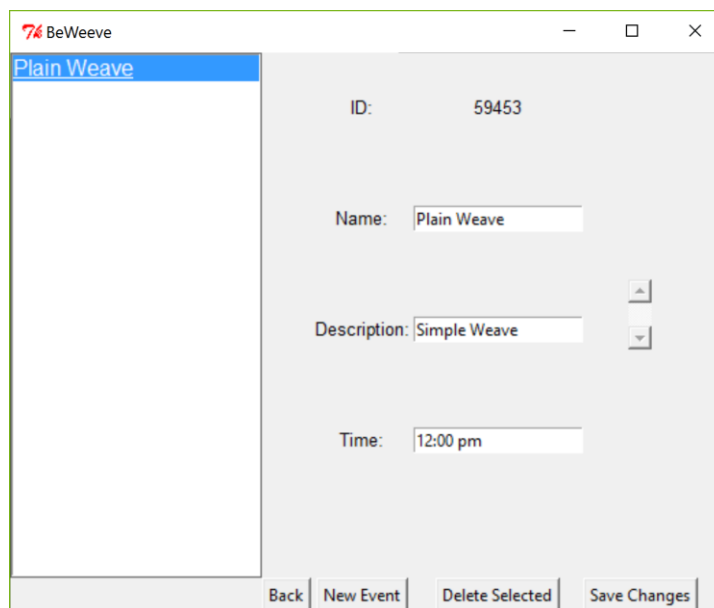
7. Press the Judges button.
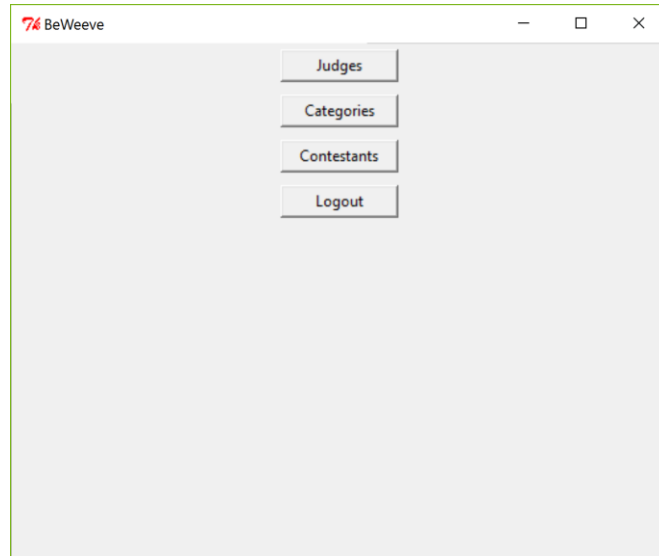
8. Double click on Gerald Brown on the left side. Enter the Plain Weave's ID in the Categories

section. (In my example the ID was 59453)
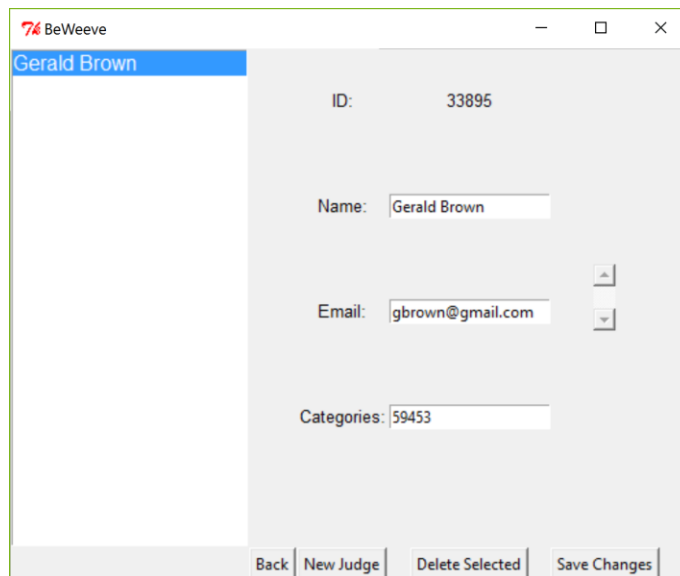
9. Congratulations! You have successfully added a Judge to the Simple Weave competition. As

you notice the removal of the contestant was automatically done by the program.

Contributions

Name	Class-Method	Activity
Alex Lambert	Database.py	Author
Alex Lambert	DatabaseTest.py	Author
Alex Lambert	BeWeeve.py	Author
Alex Lambert	AdminCategoriesPage.py	Edited
Alex Lambert	AdminContestantPage.py	Edited
Alex Lambert	RegistrationPage.py	Edited
Todd Crane	User.py	Author
Todd Crane	Registration.py	Co-Author
Todd Crane	HomePage.py	Co-Author
Todd Crane	LoginPage.py	Edited
Todd Crane	All	Code Clean Up
Evan Pernu	AdminContestantPage.py	Co-Author
Evan Pernu	AdminCategoriesPage.py	Co-Author
Evan Pernu	AdminJudgesPage.py	Author
Evan Pernu	AdminPage.py	Author
Evan Pernu	BeWeeveApp.py	Edited
Evan Pernu	EventSchedulePage.py	Co-Author
Evan Pernu	JudgesPage.py	Setup
Evan Pernu	RegistrationPage.py	Edited
Evan Pernu	LoginPage.py	Edited

Thomas Schmidt	LoginPage.py	Author
Thomas Schmidt	RegistrationPage.py	Co-Author
Thomas Schmidt	HomePage.py	Setup
Phansa Chaonpoj	JudgePage.py	Author
Phansa Chaonpoj	AdminCategoriesPage.py	Co-Author
Phansa Chaonpoj	AdminContestantPage.py	Co-Author

Testing


```
Alex@Alex-Laptop MINGW64 ~/buttermoss (master)
$ coverage run DatabaseTest.py
.........................
----------------------------------------------------------------------
Ran 25 tests in 3.557s

OK

Alex@Alex-Laptop MINGW64 ~/buttermoss (master)
$ coverage report -m
Name                 Stmts   Miss  Cover   Missing
-------------------------------------------------------
Database.py            172      0   100%
DatabaseTest.py        234     12    95%   91-92, 137-138, 220-221, 269-270, 441-442,
485-486
-------------------------------------------------------
TOTAL                  406     12    97%

Alex@Alex-Laptop MINGW64 ~/buttermoss (master)
$
```

Source Catalog

Executable:

1. BeWeeve.exe

Source Code:

1. Beweave.py

2. BeweaveApp.py

3. AdminCategoriesPage.py

4. AdminContestantsPage.py

5. AdminJudgesPage.py

6. AdminPage.py

7. Database.py

8. EventSchedulePage.py

9. HomePage.py

10. JudgesPage.py

11. LoginPage.py

12. RegistrationPage.py

13. User.py

Test Files:

1. Database.py

2. DatabaseTest.py

Emergency Contacts

1. Todd Crane

   Phone: (425) 429-8436

   Email: Cranet@uw.edu

2. Alex Lambert

   Phone: (360) 535-9123

   Email: Alamb25@uw.edu