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# SmartBoard
# ReadMe

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After importing the project file and configuring the build path, open application.App and hit 'Run' in your IDE.

# Logging In

Enter your username and password, and click **Login** from the login screen. If this is the first time you've run the app, then click on **Sign Up** to create an account.



Once you have filled out all of the required fields, click on **Sign Up**. If there are any issues with the fields (eg passwords do not match, or the username is taken), you will be alerted so that you may make amendments to your inputs before trying to sign up again. Clicking **Cancel** will take you back to the login screen.

# The Workspace

Once you are logged in, you will be taken to the Workspace with a blank new project waiting for you to get started with. As you explore the workspace, if you notice a highlight or colour change as you mouse over it, chances are that clicking on it will do something helpful.
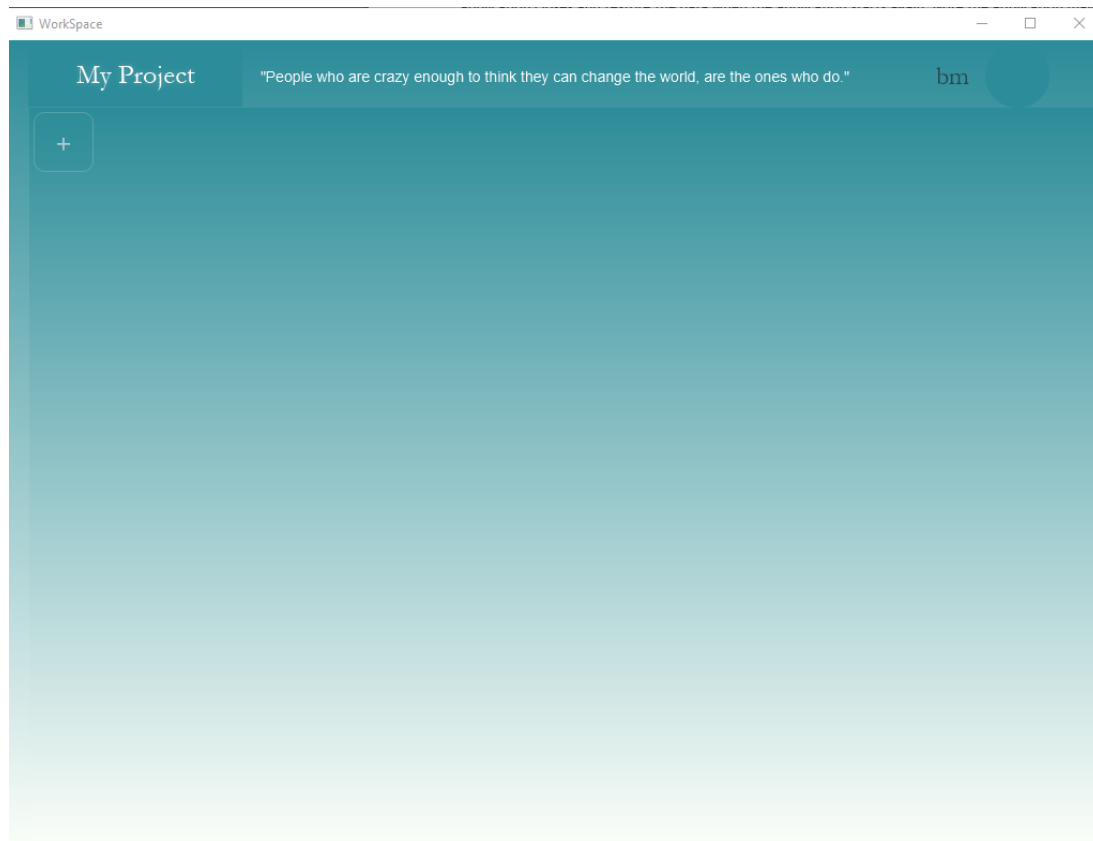
# Project - Editing, Creating, Loading, Deleting

All of your Project needs can be found by accessing the Project menu. Do this by clicking on 'My Project' to get started.
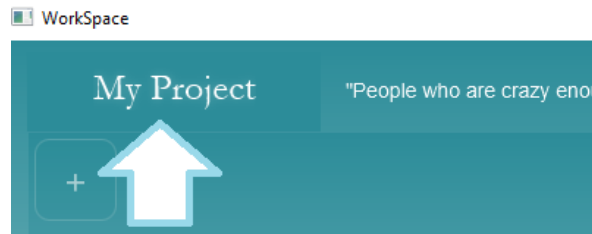


This is the project menu:



To Edit the project name or to set it as your 'default project', select Edit Project. To create a new project, select New Project. If you have multiple projects set up, you can switch between them by clicking Load Project.  If you'd like to permanently delete a project, click Delete. Caution: Deleting a project will delete all of it's associated columns and tasks permanently; you will not be able to recover the information once it is done.  Upon trying to delete a project, you will be first prompted - "Are you sure you want to delete this project?" where you can confirm or rethink your decision.

If you only have one project and you delete it, a new, blank default project will be loaded into the workspace for your convenience.
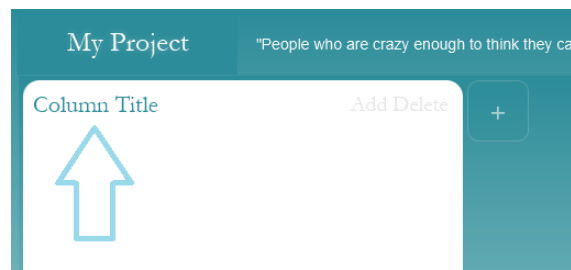
To exit the project menu, click on **Close**.
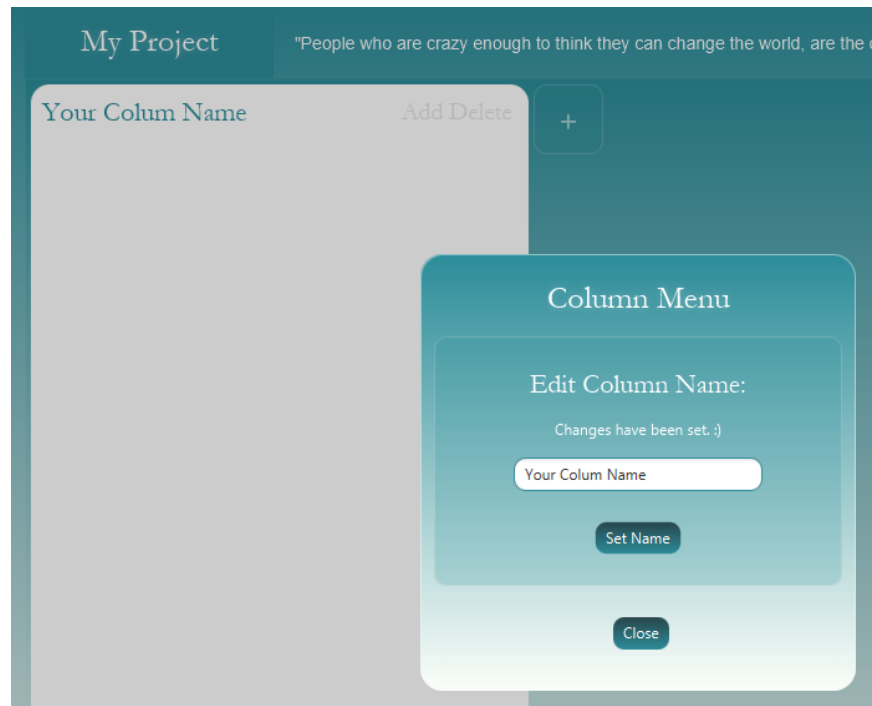
# Columns - Adding, Editing, Deleting

To add columns to your project, click on the add columns button.
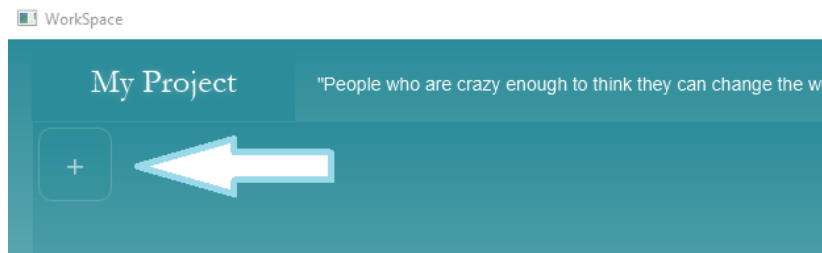
Once a column has been added, click on the Column Title to edit the column name:

Enter in your desired column name in the menu, and click **Set Name** to set the changes.

If you would like to delete a column, click on Delete. Caution - Deleting a column will delete it and all of the associated tasks on it permanently, and cannot be undone. Upon trying to delete a column, you will be first prompted - "Are you sure you want to delete this column?" where you can confirm or rethink your decision.
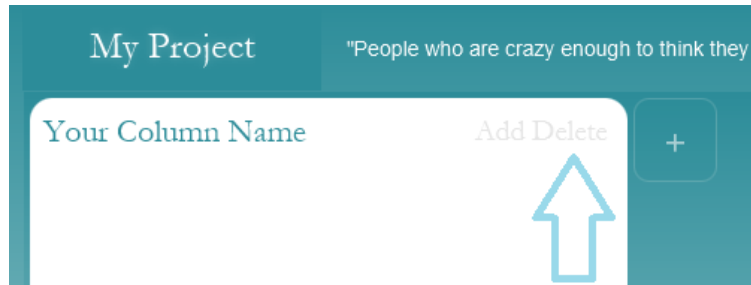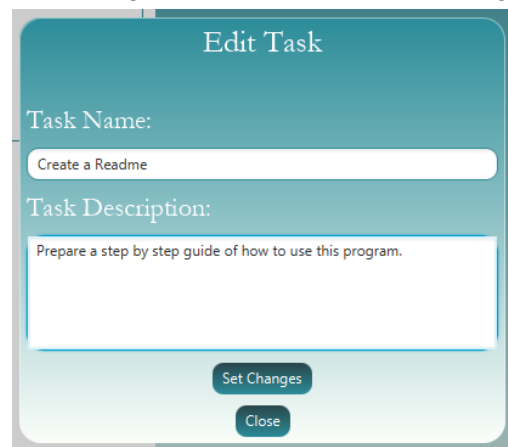
# Tasks - Adding, Editing, Deleting

To add a task, click on 'Add' on the column:



Once a task has been added, you can edit the task name and description by clicking on 'Task':



From here you will be brought to the Edit Task menu. Replace the information in the fields and click on **Set Changes** to set the changes, or **Close** to cancel and go back to the workspace:



To permanently delete a task, click on **delete** from within the task. This will take you to an 'Are you sure you want to delete this task?' prompt where you can confirm or rethink your decision.

# Tasks - Moving Tasks

As you create more tasks within a column, up and down arrows will appear on the tasks. Clicking on these will move the tasks up or down in the list.

The order of tasks on a column will remain between login sessions, so you can be assured that your project workspace will be exactly as you left it with each login.

If you would like to move tasks from column to column, click on the body of the task (the whitespace), and drag your mouse across toward the column that you'd like to move it to.

As you begin to click and drag, the border of the task will change to yellow to indicate that you have selected it, and the border of the column that you're going to move the task to will change to red to indicate which column you will move the task to.  In this, you can drag and drop tasks between columns.
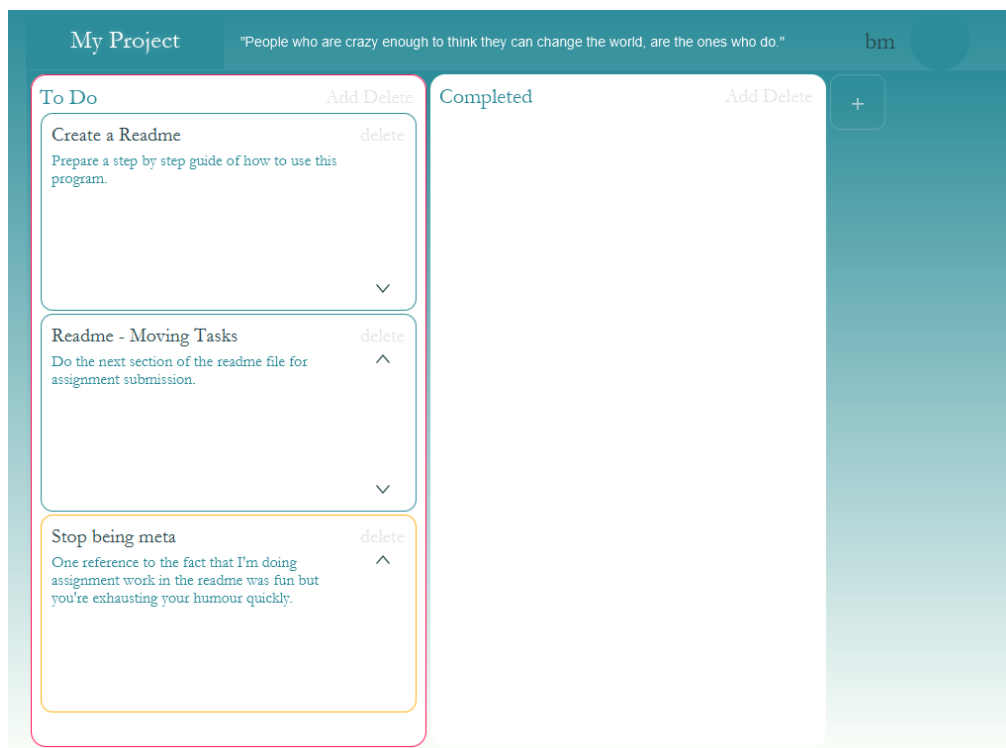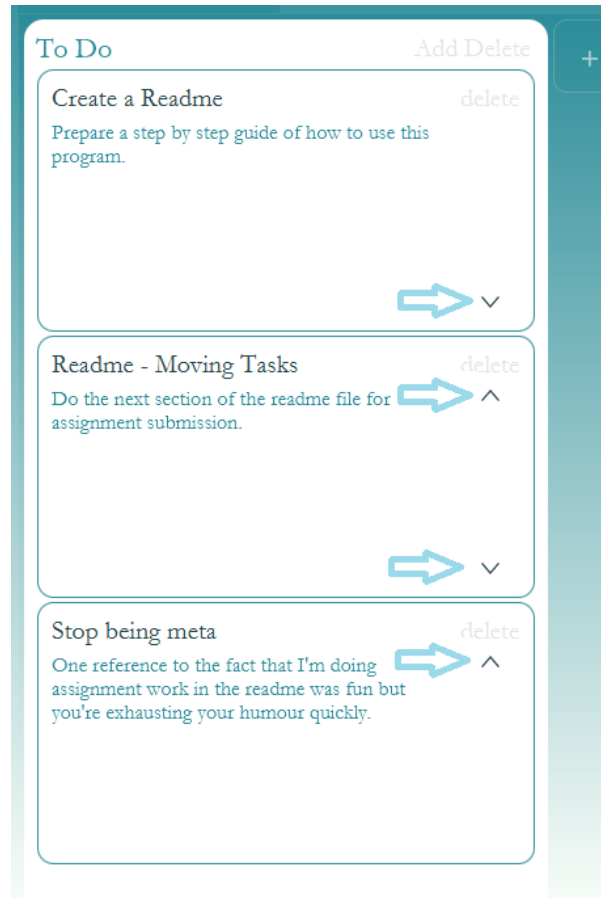
# User Profile - Edit Name and Password or Set Profile Picture

Click on your username or the profile display circle next to it in the top right corner to open the profile menu.
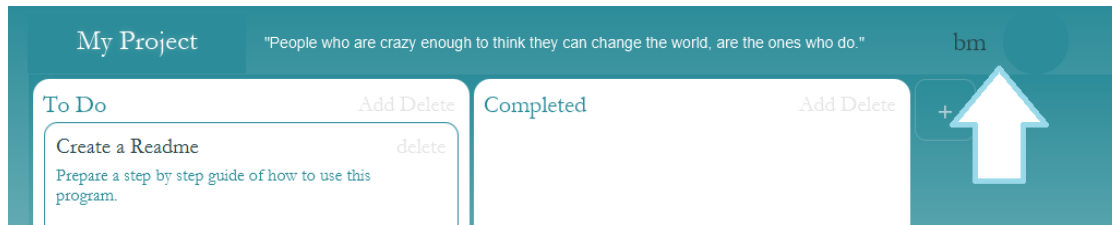


From this menu, you can edit your first name, last name or password. Names and passwords must be at least one character long. Once your username has been decided, however, that cannot be changed.  To set changes to your name or password, enter in text to the text fields and click on **Set Changes**.
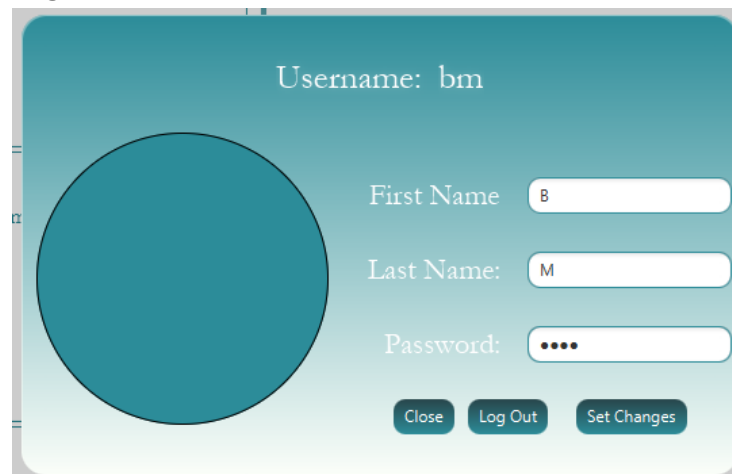


To set your display picture, click on the large circle. This will open up a file chooser window. This will let you select an appropriate display picture which will be set to the display circle.
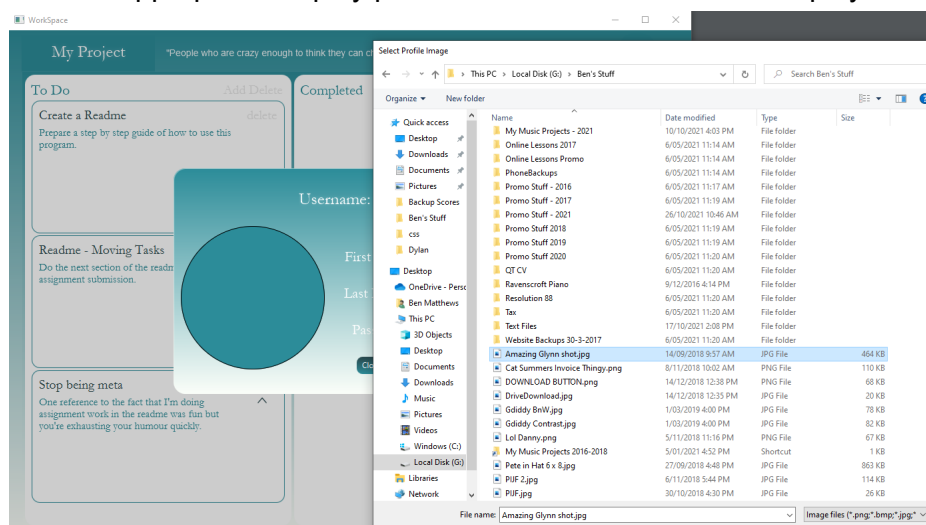
Once a display picture has been set, the picture will display in the profile menu and in the workspace
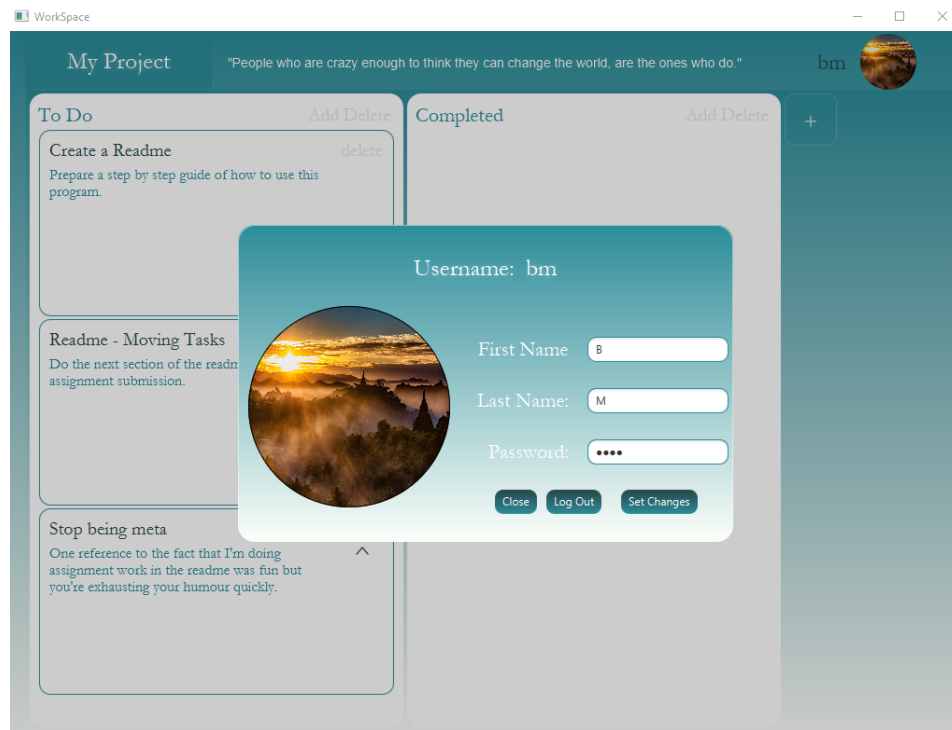


# Logging Out

Logging out can be done via the profile menu.

# Debugging: Recreating the Database

If something goes wrong with the database and you need to recreate it, follow these steps:

1) Delete Smartboard.db from the project folder
2) Create a new test class in the testing package
3) Import one of the DB subclasses (eg UserDB) using: import model.UserDB;
4) Create this 'test': @Test void { UserDB.setUpDB(); }
5) Run the test class. This should set up a fresh database.