# Sprint 3 Plan

Week of Oct. 30, 2017

| User Stories | Tasks | Story Points | Dependencies |
|:---:|:---:|:---:|:---:|
| U2 | T6 | 4 | - |
| U3 | T8 | 2 | - |
| U4 | T9 | 1/2 | - |
| U4 | T10 | 1 | - |
| U4 | T11 | 1/2 | - |
| U4 | T12 | 1/2 | T10,T11 |
| U5 | T13 | 2 | - |
| U6 | T14 | 4 | - |

# Provisional Burndown Chart

| | Task Points | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 |
|:---:|:---:|:---:|:---:|:---:|:---:|:---:|:---:|
| T6 | 4 | T:3/2 | T:2 | T:1/2 | | | |
| T8 | 2 | O:2 | | | | | |
| T9 | 1/2 | A:1/2 | | | | | |
| T10 | 1 | A:1 | | | | | |
| T11 | 1/2 | A:1/2 | | | | | |
| T12 | 1/2 | | T:1/2 | | | | |
| T13 | 2 | F:2 | | | | | |
| T14 | 4 | | F:2 | F:2 | | | |

J - Julian [story points per day = 4]
A - Abhay [story points per day = 2]
F - Felix [story points per day = 2]
T - Tito [story points per day = 2]
O - Olivia [story points per day = 2]

## Provisional Burndown Graph

Story Points Left vs Day

- 14.5 (Day 0)
- 8.5 (Day 1)
- 8 (Day 2)
- 0 (Day 3)
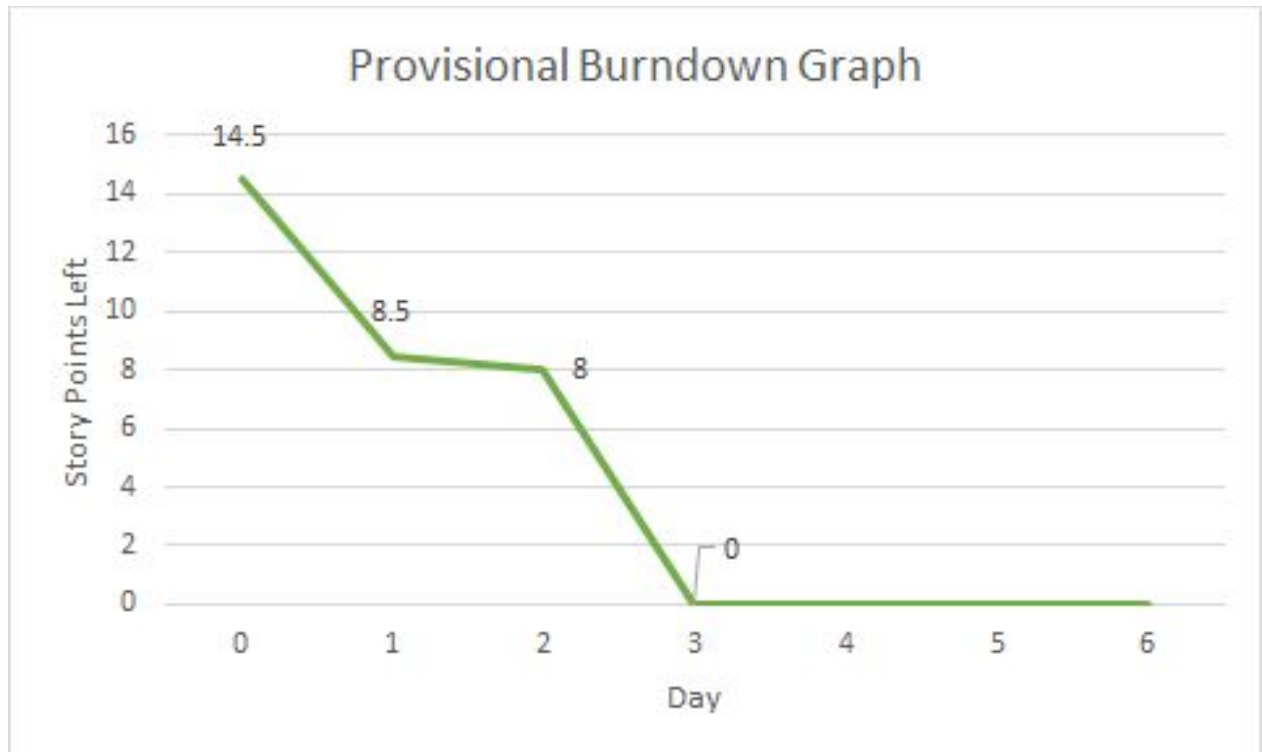
# Backlog

**U4:** As Karen/Ben (a statistics professor) and Jenny (a TA), I would like for every user to be asked for authentication before accessing their assignments, to differentiate users as instructors and students, so that students are not able to edit/create assignments.

**T9:** Create a main file that instantiates the login/registration GUI.

**T10:** Edit the format of (users.csv) to include a new parameter: instructor/student.

```
is_instructor (boolean), user id (integer), hashed password
                            (string)
```

When a user register a new account, prompt a window asking whether they are a student or instructor.

**T11:** Edit the register method in Authenticator.java, to include the Is instructor flag at registration.

**T12:** If login was successful, open the assignment listing window according to the user type.

**U5:** As Dana (student), I would like to view all my open and in-progress assignments along with their due dates.

**T13:** Create a Swing interface for students to see a list of "released" assignments by parsing through each assignment#.csv file and only displaying the ones that have the released flag set to true

**U6:** As Dana (a student), I would like to be able to select an open problem set before its deadline has passed and begin answering questions.

**T14:** Create an "assignment interface" in which questions are randomly selected from the assignment .csv file (assignment#.csv) and displayed with their options as radio buttons.

# Final Burndown Chart

| | Task Points | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 |
|---|---|---|---|---|---|---|---|
| T6 | 4 | | | | J:1 | | J:1 |
| T8 | 2 | O:2 | | | | | |
| T9 | 1/2 | | | | A:1/2 | | |
| T10 | 1 | | | | A:1 | | |
| T11 | 1/2 | | | | A:1/2 | | |
| T12 | 1 | | | | | T:1/2 | T:1/2 |
| T13 | 2 | | | | | | F:2 |
| T14 | 4 | | | | | | F:4 |

Final Burndown Graph
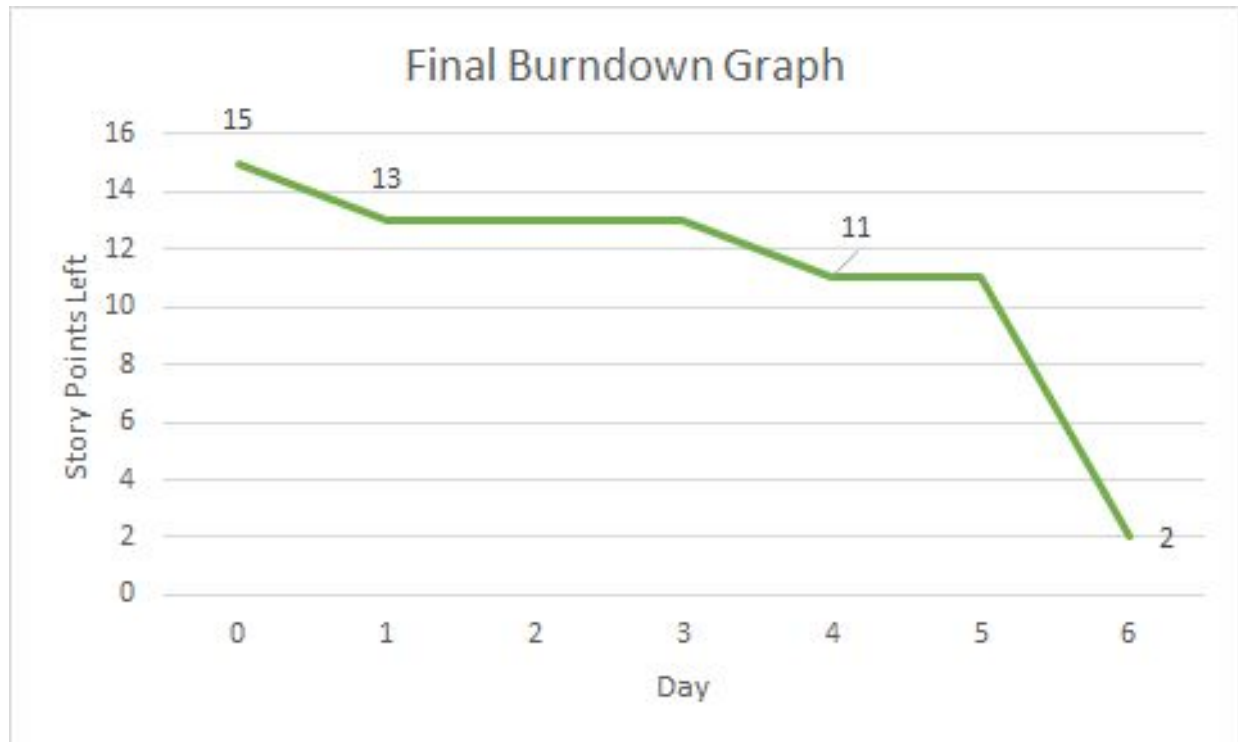
# Report

- Added new user story (U4) to incorporate authentication.
- Changed the AssignmentListingGUI.java file name to InstructorListingGUI.java
- Added Edit buttons to every assignment listed (released/unreleased). This was part of T6's task that was in Sprint 2.
- Edited color of released/unreleased and edit buttons.
- Implemented a method that reads all Assignment questions and other data and stores it in a 2D ArrayList.
- Fixed the glitch in InstructorListingGUI when releasing/unreleasing assignments on 2017-11-04.
- Revamped login/registration GUI to better match initial mockups.
- Removed main methods from all files and created ApplicationDriver.java that initializes the application by opening the login/registration UI.
- Added checkbox on registration screen so instructors can register accordingly.
- Fixed bug in problem creation UI where when an instructor would add a new problem, the options text fields would get populated with text when they should just be empty.

- Made sure instructor cannot create a problem without filling in all necessary fields or create an assignment with no problems or assignment #
- Tito worked on T6 with Julian as it was more work than initially planned for
  - Changed the edit window to display the previous entries in each field
  - Added a drop down list of all the problems that were added
- Working on T12 where the designated window of assignment listing based off of if you are a student or instructor.
- Changed the indices in Authenticator.java to check proper columns due to a change in .csv file where there is a new flag added (is_instructor).
- Added a welcome message according to if you are a student or instructor.
- Upon successful login as instructor, InstructorListingGUI frame is made.
- Added a release button for all the unreleased assignment listings
- Added an unrelease button for all the released assignment listings
  - Implemented a method to update the assignments listing interface after the change of status
- Implemented GUI for students to see a list of open assignments.
- Implemented GUI for students to view questions and options in a random order of a given assignment.