

Hooli XYZ

Sprint 1 Report

Sprint Period: 07/03/2016 – 21/03/2016

Members:

Connor Beardsmore – 15504319
Brendan Lally – 18407220
Adam Brown – 18338993
Jordan Chou – 18348691
Edward Lim - 18339145

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1. Sprint Planning

User Stories:

The following user stories were selected for completion in Sprint 1.

Number:	User Story:	Area:	Effort Points:
1	As an Admin, I want to access an Admin platform so that I can perform administrative actions.	Admin	5
2	As an Admin, I want to create user profiles so that users can use my site effectively.	Admin	3
3	As an Admin, I want to reset passwords so that I can help users regain access to their accounts.	Admin	2
4	As a User, I want to login to the platform so that I can post a submission.	Accounts	3
5	As a User, I want to be able to change my password so that I can be more secure.	Accounts	2
6	As a User, I want to logout of my account so that nobody can access my account.	Accounts	3
7	As a User, I want to create an account so that I can use the platform.	Accounts	5

Sprint Goal:

The goal of Sprint 1 was to initialize and setup the base online platform for both users and administrators to access. This goal is reflected by our choice of user stories designated in the sprint backlog. All user stories for Sprint 1 involve the ability for users and admins to both access the site and log into/out of an online user account.

Task Breakdown:

The user stories for the sprint were broken down into simpler high-level task units. These tasks must be finished before the user stories can be reviewed, accepted and completed:

- Set up BitBucket repository.
- Set up initial Django base server.
- Create database for users.
- Create login page.
- Create registration page.
- Create registration form.
- Create homepage
- Create homepage template.
- Create Administrator platform.
- Create change password form.
- Create change password template.
- Create a page dashboard.

Task Distribution:

Members:	Area of Focus:
Connor	Setup Environment. Documentation.
Jordan, Adam	User Accounts. Stories (4) (5) (6) (7).
Brendan, Edward	Admin Platform. Stories (1) (2) (3).

Effort Estimation:

The initial setup for the platform is very time-intensive and thus, our effort estimations were relatively high. In the future, we expect effort estimations to be much lower as additional functionality is extended. The estimation points are based upon a Fibonacci scale (1,2,3,5,8,13) and the values were agreed upon via discussion in our initial sprint planning session.

Definition of 'Done':

The team's definition of 'done' was discussed within the planning stage and will be further discussed and modified at every upcoming sprint. Typically, we would include approval by Project Client in the acceptance criteria. However, due to the limited times we can meet with the Project owner, this is unfeasible. A story is considered completed if it meets the following criteria:

- Code Complete
- Testing Complete
- Code Documented
- All Code Peer Reviewed

Project Management:

The team will utilize the online “Pivotal Tracker” software as a project management tool during the course of the project. All user stories and related data covered within the sprint reports will be reflected by the data within Pivotal Tracker. The tool will also be employed to create valuable statistics and figures for use within the sprint reviews.

2. SCRUM Meeting

Meeting #1 : 21/03/16

Attendance : Connor, Jordan, Adam, Brendan, Edward

Members:	Completed	Uncompleted	Issues
Connor	Setup Environment. Documentation	-	-
Jordan, Adam	User Accounts. (4) (5) (6) (7)	-	-
Brendan, Edward	Admin Platform. (1) (2)	Rest Passwords. (3)	Lack of Email server. Cannot email users a reset password code.

3. Sprint Review

Completed User Stories:

- As an Admin, I want to access an Admin platform so that I can perform administrative actions.
- As a User, I want to login to the platform so that I can post a submission.
- As a User, I want to logout of my account so that nobody can access my account.
- As a User, I want to create an account so that I can use the platform.
- As a User, I want to change my password so that I can be more secure.
- As an Admin, I want to create user profiles so that users can use my site effectively.

Unfinished User Stories:

- As an Admin, I want to reset passwords so that I can help users regain access to their accounts.

Review Data:

- Total Stories: 45
- Completed: 6
- Uncompleted: 39
- Total Progress: 13%

Review Data:

The statistics and data within the figures below were produced via the Pivotal Tracker software utilized by the team. They illustrate the progress throughout the current iteration and progress towards the final release.

HOOLI XYZ - Iteration Report

Current Iteration (Mar 14 - Mar 27, 2016)

Points accepted

21

Stories accepted

7

Cycle time

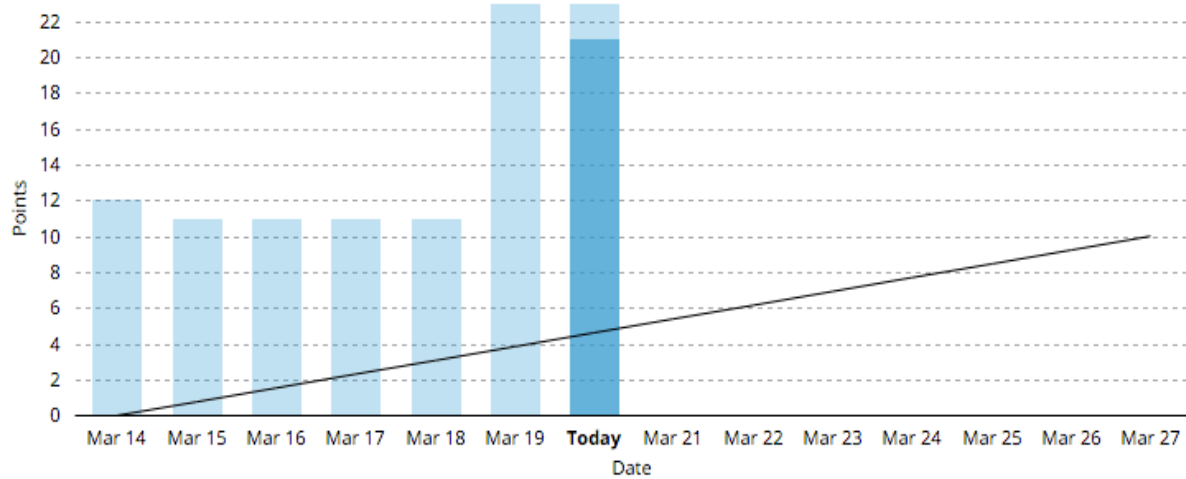
21 hrs

Rejection rate

0 %

Iteration Burnup

■ Points accepted ■ Point scope — Expected progress



Iteration Burnup

■ Accepted ■ Rejected ■ Delivered ■ Finished ■ Started ■ Unstarted

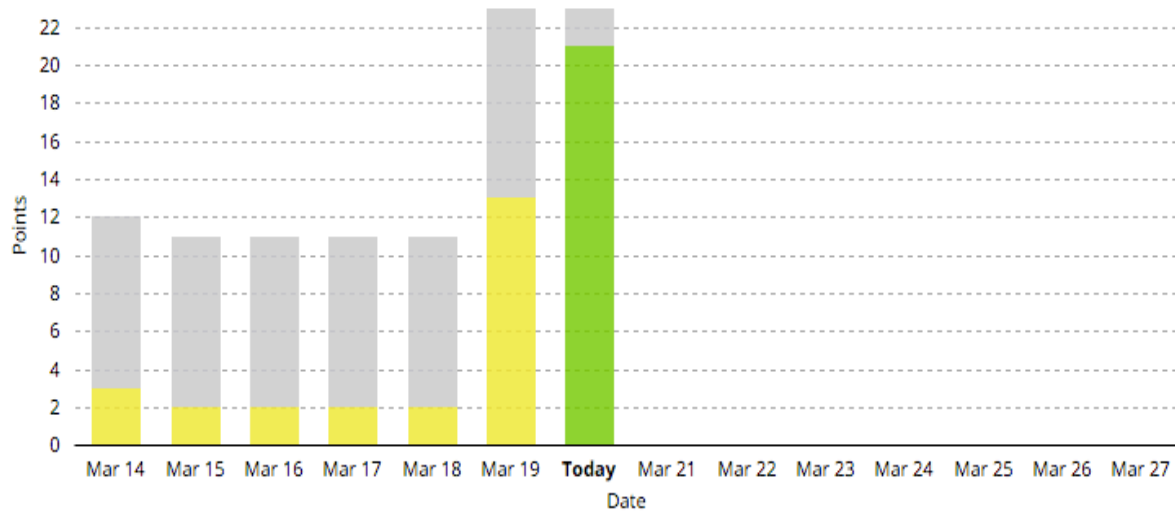


Figure 1: Iteration Burnup – Points and Stories

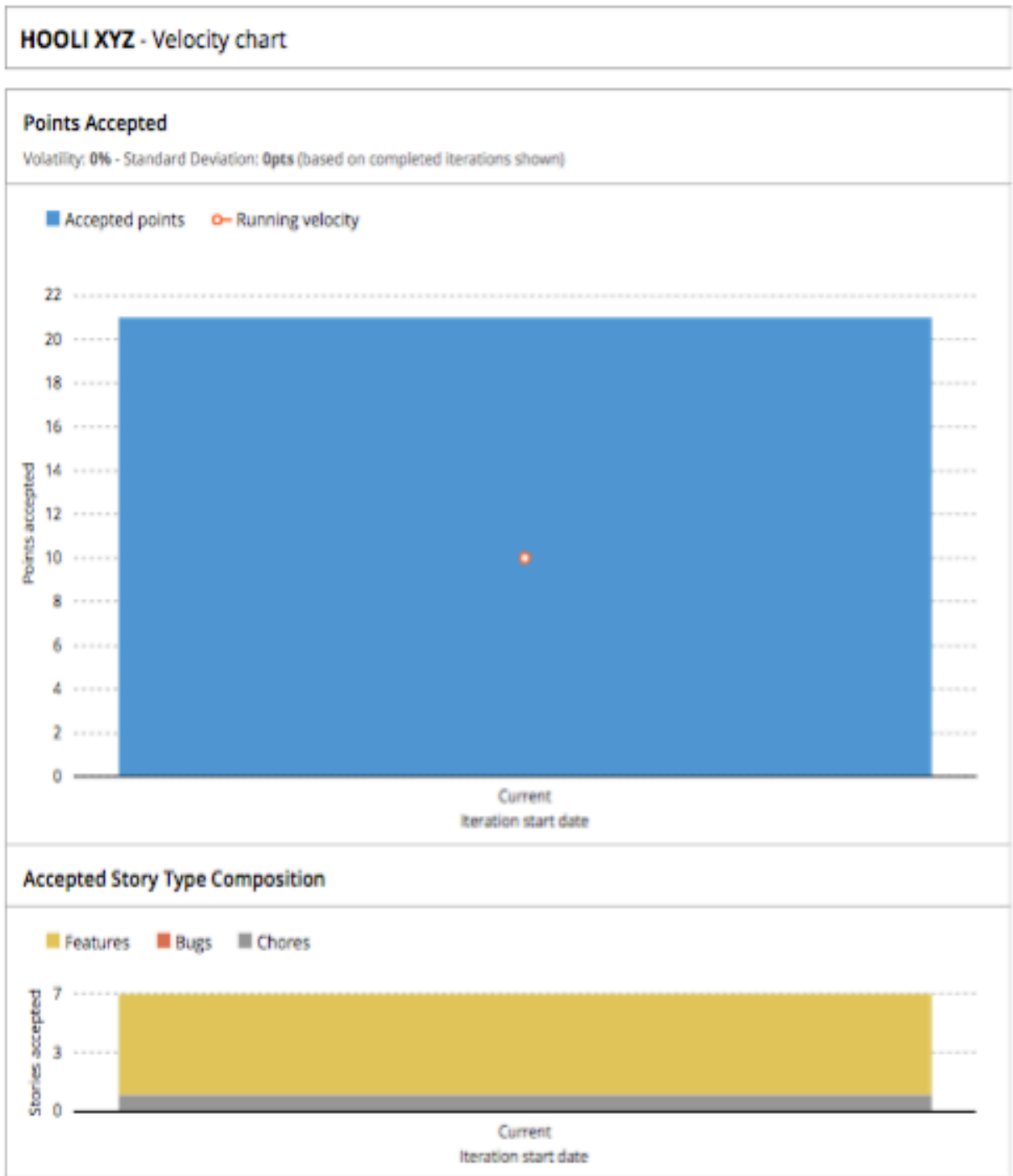


Figure 2: Velocity Chart

HOOLI XYZ - Cumulative Flow chart

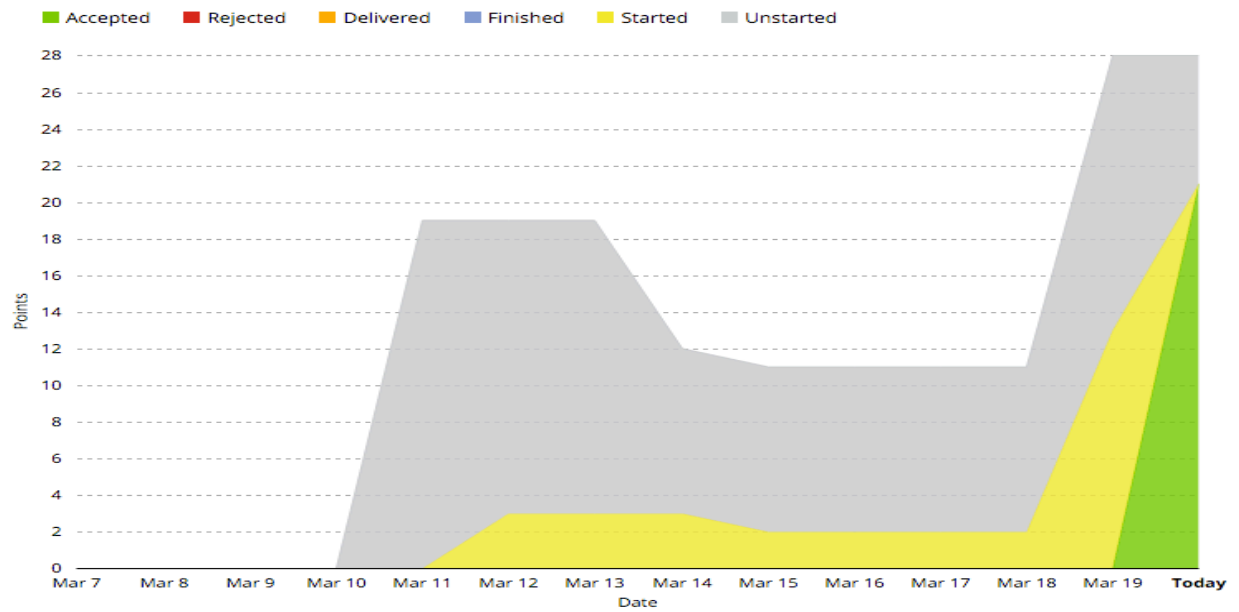


Figure 3: Cumulative Flow Chart

HOOLI XYZ - Story composition

Accepted Story Types

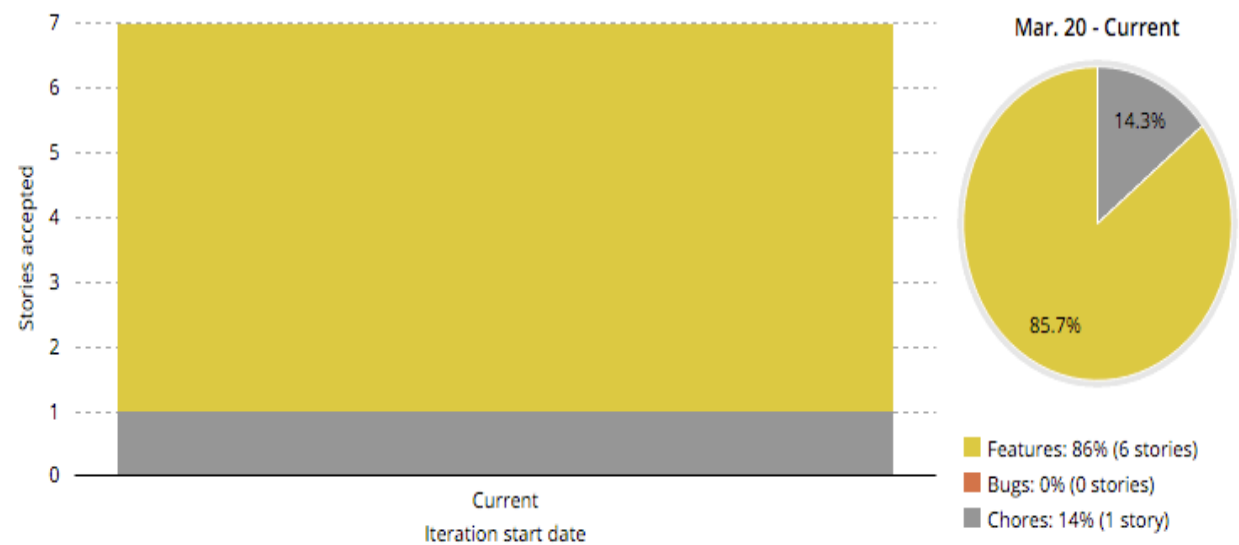


Figure 4: Story Composition

4. Sprint Retrospective

Sprint Ratings

- Communication: 9/10
- Performance: 8/10
- Work Ethic: 8/10

What went well?

Several factors worked well within our group for Sprint 1. The team's motivation and work ethic was very high with a strong desire to get started on the project. Team meetings were easy to schedule due to team members availability. This was also helped by the strong communication between all team members. Team members worked on user stories in pairs and we found this to be very productive. The high completion rate of user stories within the iteration was also notable. Learning how to utilize the tools we are used for the platform has been a steep learning curve. Nevertheless team members have adapted well to this setback.

We want to keep doing:

The team will continue to hold weekly meetings on Mondays, subject to the availability of team members. Stories will also continue to be worked on in pairs to keep efficiency as high as possible. The team's performance in relation to stories completed was strong in this iteration and we want to keep this level of performance and quality throughout the remaining sprints.

What did not go well?

The majority of the Project Design and SCRUM methodology concepts undertaken within the sprint are new to everybody in the team. It has taken some time to adapt to these techniques and thus, the team's progress was somewhat slower than expected. Preparation for the start of the sprint was poor and this resulted in the first week being under-utilized. This added further time constraints given the short length of the sprint in comparison to the next two upcoming sprints. This put additional pressure onto the team to finish the user stories. Delegation of tasks could also have been improved, with some team members being under-utilized, with others having a larger workload.

We want to start:

In addition to the weekly progress meetings, we may also start holding small SCRUM meetings throughout the week to further clarify our progress. For the next sprint, we will improve our performance by aiming to hold at least 3 full meetings. We also aim to complete an extra 4 user stories within the next sprint.

Appendix B: Screenshots of Functionality

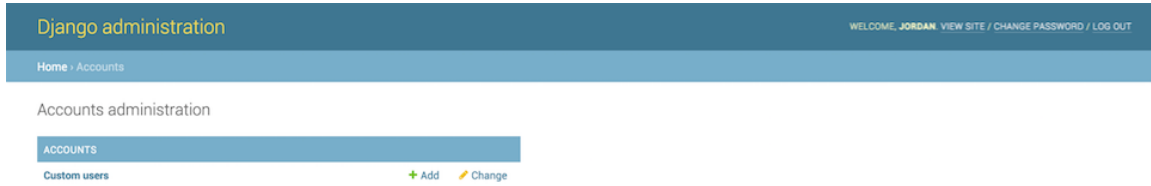


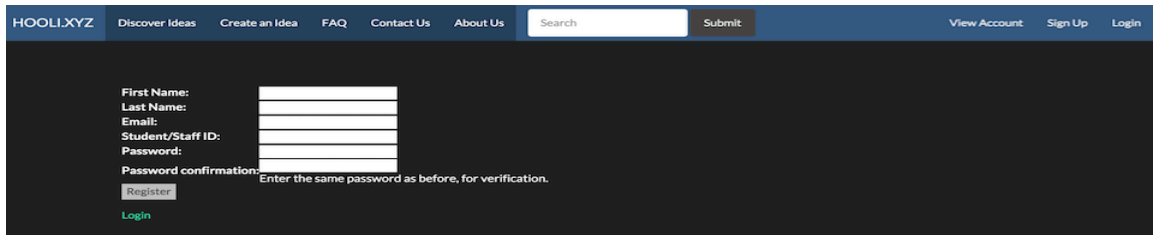
Figure 5: Admin Home Page Screenshot

This screenshot shows the 'Add custom user' form in the Django administration. The top header bar is dark blue with 'Django administration' on the left and 'WELCOME, JORDAN. VIEW SITE / CHANGE PASSWORD / LOG OUT' on the right. Below this is a light blue breadcrumb trail: 'Home > Accounts > Custom users > Add custom user'. The main content area is titled 'Add custom user'. Below the title is a instruction: 'First, enter a username and password. Then, you'll be able to edit more user options.' The form consists of several input fields: 'Email address:', 'First name:', 'Last name:', 'Sid:', 'Password:', and 'Password confirmation:'. At the bottom right of the form are three buttons: 'Save and add another', 'Save and continue editing', and 'SAVE'.

Figure 6: Admin Add User Screenshot

This screenshot shows the 'Password change' form in the Django administration. The top header bar is dark blue with 'Django administration' on the left and 'WELCOME, JORDAN. CHANGE PASSWORD / LOG OUT' on the right. Below this is a light blue breadcrumb trail: 'Home > Password change'. The main content area is titled 'Password change'. Below the title is a instruction: 'Please enter your old password, for security's sake, and then enter your new password twice so we can verify you typed it in correctly.' The form consists of three input fields: 'Old password:', 'New password:', and 'New password confirmation:'. Below the 'New password:' field, there are four lines of feedback text: 'Your password can't be too similar to your other personal information.', 'Your password must contain at least 8 characters.', 'Your password can't be a commonly used password.', and 'Your password can't be entirely numeric.' At the bottom right of the form is a button labeled 'CHANGE MY PASSWORD'.

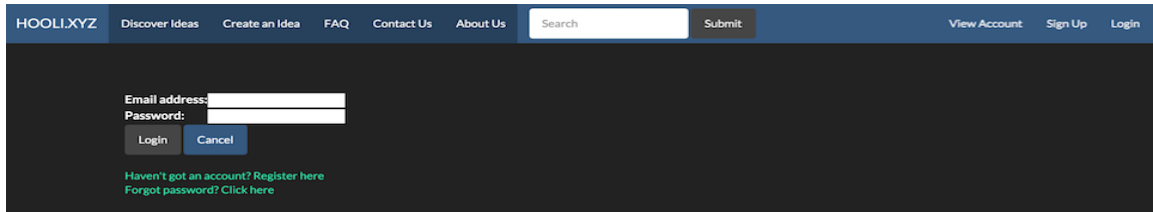
Figure 7: Admin Add Change Password Screenshot



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First Name:
 Last Name:
 Email:
 Student/Staff ID:
 Password:
 Password confirmation: Enter the same password as before, for verification.
 Register
 Login

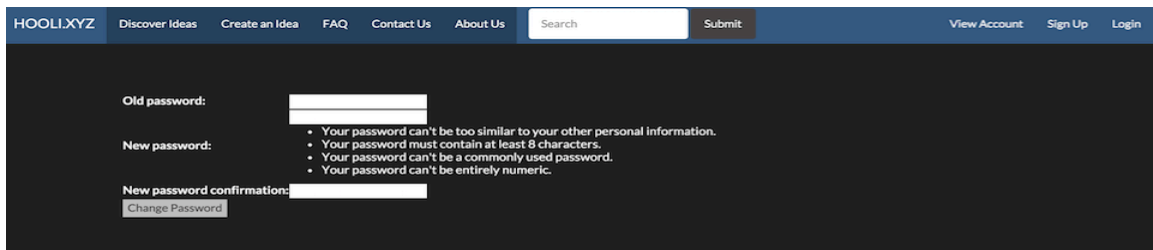
Figure 8: User Register Screenshot



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Email address:
 Password:
 Login Cancel
 Haven't got an account? Register here
 Forgot password? Click here

Figure 9: User Login Screenshot

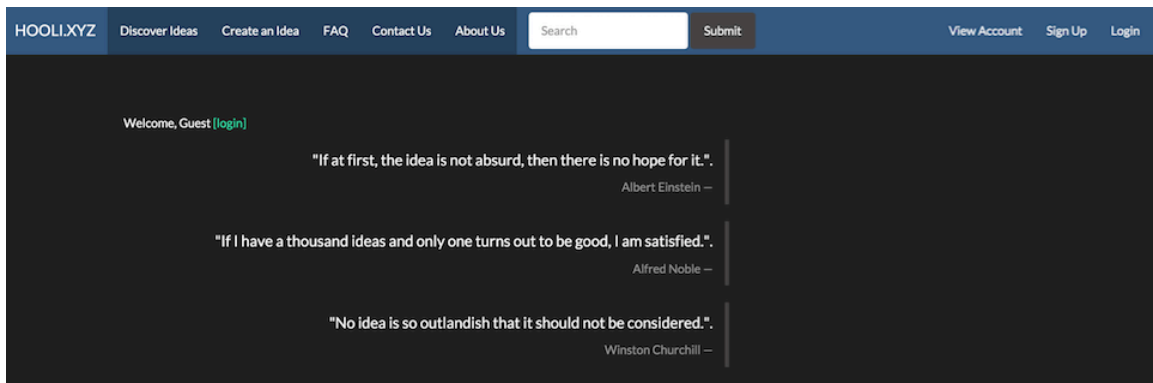


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Old password:
 New password:
 New password confirmation:
 Change Password

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Figure 10: User Change Password Screenshot



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"If at first, the idea is not absurd, then there is no hope for it."
 Albert Einstein –

"If I have a thousand ideas and only one turns out to be good, I am satisfied."
 Alfred Noble –

"No idea is so outlandish that it should not be considered."
 Winston Churchill –

Figure 11: Home Page Screenshot