Scribe Scholars

PREPARED BY Team 7

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Sprint Overview

Sprint one will be dedicated to getting the main functions of our application working. By the end of the sprint, the user will be able to create an account or log in to an existing account when entering the webpage. If the user forgets their password there will be a system to retrieve or reset their password. Depending on their role in the classroom they will be taken to their upcoming events page for students or the landing page for the teachers. Each of these pages have their own features that need to be completed such as getting the calendar to hold upcoming events with current deadlines. On the teacher page, there needs to be the ability to create a classroom. There will be a settings page for the user to edit information about themselves and their classrooms.

Scrum Master: Kyle Brown

Meeting schedule: Monday, Wednesday, and Friday at 10:30 AM

Risks and Challenges

A large amount of our team has little experience with some of the technologies we are using such as HTML, CSS, ReactJS, Bootstrap, and Firebase. This means that we will have to work very hard in the first sprint to get everyone on the same knowledge level so that everyone is able to contribute in equal amounts. This is also everyone's first time working in a team larger than two people so we will have to make sure we all stay on the same page as we continue to work. In addition to the learning curve, we must make sure our website is responsive so that students with any device will have a pleasant experience using our system.

Current Sprint Detail

Current Total: 190 Hrs

Name	Estimated Time
Riley Robertson	31 Hrs
Jake Koontz	32 Hrs
Walter Jacquette	34 Hrs
Kyle Brown	32 Hrs
Jeremy Putnam	32 Hrs
Eric Thiem	33 Hrs

User Story #1

As a user, I would like to be able to create an account.

#	Description	Estimated Time	Owner
1	Implement responsive UI for create account page.	5 Hrs	Jake
2	Connect user login information to Firebase Authentication.	2 Hrs	Jake
3	Add extra user data to Firebase Database.	2 Hrs	Jake
4	Test to ensure the form rejects malformed information.	3 Hrs	Jake
User Story #1 Total Hours		12 Hours	

Acceptance Criteria

❏ Given the create account page has been designed responsively, when a user resizes the page, then all UI elements should shrink and reposition to still have an appealing design.

❏ Given user login information has been saved to Firebase Authentication, when we look at Firebase Console, then we should see their email and unique UID.

❏ Given the extra user information has been save to Firebase Database, when we look at Firebase Console, then we should see all the user information under their unique UID.

❏ Given the user has inputted malformed information, when they hit submit, then they should be shown a message telling them where and why the information they inputted needs to be corrected.

User Story #2

As a user, I would like to be able to login to my account.

#	Description	Estimated Time	Owner
1	Implement responsive UI for the login page.	4 Hrs	Kyle
2	Set up request to Firebase to check for a user in Firebase Authentication.	2 Hr	Kyle
3	Test to ensure the form rejects users that are not found in Firebase Authentication and prompts them to try again.	3 Hrs	Kyle
User Story #2 Total Hours		9 Hours	

Acceptance Criteria

- ❏ Given the login page has been designed and is responsive, when a user resizes the page, then all UI elements should shrink and reposition to still have an appealing design.
- ❏ Given the user inputted correct user information, when they press login, then they should be redirected to their respective landing page.
- ❏ Given the user has inputted information not found in Firebase Authentication, when they hit submit, then they should be shown a message telling them where and why the information they inputted needs to be corrected.

User Story #3

As a user, I would like to be able to reset my password.

#	Description	Estimated Time	Owner
1	Set up Firebase to send password reset emails.	3 Hrs	Jake
2	Display a responsive page where users can input a new password.	5 hrs	Jake
3	Save new password to Firebase Authentication.	1 Hr	Jake
4	Test to ensure old password no longer works for user.	3 Hrs	Jake
User Story #3 Total Hours		12 Hours	

Acceptance Criteria

Given (some precondition), when (I do some action), then (I expect some result).

- ❏ Given a user forget their password, when they click forgot password button, then they should receive an email to reset it.
- ❏ Given the forgot password page has been designed responsively, when a user resizes the page, then all UI elements should shrink and reposition to still have an appealing design.
- ❏ Given the user successfully reset the password, when they log in with the new password, then they should be logged in with their new password.
- ❏ Given the user successfully reset the password, when they log in with the old password, then they should be declined and prompted to enter a new password.

User Story #4

As a user, I would like to be able to adjust account information.

#	Description	Estimated Time	Owner
1	Implement a responsive main settings page.	7 Hrs	Walter
2	Allow users to change all personal information and sign out.	5 Hrs	Walter
3	Allow users to navigate to classes enrolled in.	5 Hrs	Eric
4	Test to ensure information is synced with Firebase Database when users edit any field in settings page.	4 hrs	Eric
User Story #4 Total Hours		**21 Hours**	

Acceptance Criteria

❏ Given user image is a clickable button, when the user clicks their image, then they should be redirected to a settings page.

❏ Given the settings page has been designed and is responsive, when a user resizes the page, then all UI elements should shrink and reposition to still have an appealing design.

❏ Given the information fields are editable, when the user edits the fields, then the Firebase Database should be updated with current user information.

❏ Given the classrooms are editable, when the user deletes or adds a class, then the Firebase Database should be updated with current class information.

❏ Given all fields are editable in the settings page, when the user changes information, then Firebase Database should be updated with correct information and in a quick manner.

User Story #5

As a student, I would like to be able to see an overview of all my classes.

#	Description	Estimated Time	Owner
1	Implement a section in the settings tab which will show their current classes.	6 hrs	Walter
2	On the class page, there will be an appealing presentation of all classes currently enrolled.	8 hrs	Walter
3	Implement a button to start adding a class.	2 hrs	Walter
4	Implement a delete button to remove a class.	4 hrs	Walter
5	Test to ensure that classes are altered properly.	2 hrs	Walter
User Story #5 Total Hours		**22 Hours**	

Acceptance Criteria

Given (some precondition), when (I do some action), then (I expect some result).

- ❏ Given the student wants to see a list of their classes, when they enter the user settings page, then they should see a nice representation of their current classes.
- ❏ Given the student wants to add a class, when they click to add a class, then they should be redirected to an add class page.
- ❏ Given the student wants to remove a class, when they click the 'X' on the class box, then they should see a pop-up notification confirming what they are wanting to do, and if they accept then the class should be removed.

User Story #6

As a student, I would like to be able to have an easy to navigate landing page.

#	Description	Estimated Time	Owner
1	Implement a sidebar containing students classes.	3 Hrs	Kyle
2	Implement a calendar in the middle of the page with upcoming deadlines.	10 Hrs	Kyle
3	Implement a notifications section for all classes enrolled.	8 Hrs	Riley
4	Implement a user icon with picture that redirects to settings page.	6 Hrs	Kyle
5	All features should be responsive on all devices.	4 Hrs	Kyle
User Story #6 Total Hours		31 Hours	

Acceptance Criteria

❏ Given a successful student login, when the user arrives on the home page, then the user should see responsive sidebar on the side of the screen.

❏ Given a successful student login, when the user arrives on the home page, then the user should see a calendar in the middle of the page.

❏ Given a successful student login, when the user arrives on the home page, then the user should see notifications from all the teachers in the bottom section of the page.

❏ Given a successful student login, when the user arrives on the home page, then the user should see a user image in the bottom of the sidebar.

❏ Given the landing page has been designed and is responsive, when a user resizes the page, then all UI elements should shrink and reposition to still have an appealing design.

User Story #7

As a new teacher, I would like to have landing page helping me to set up a classroom.

#	Description	Estimated Time	Owner
1	Use our side bar with teachers current classes.	3 hrs	Riley
2	Implement the main section of the page to have directions on how the set up will work.	5 hrs	Eric
3	Take user to a setup page where they can add the class information.	8 hrs	Eric
4	Teacher can then pick which sections her classroom would like (In-Class Lessons, Homeworks, Quizzes, Tests, Discussion board, Announcements).	4 hrs	Eric
5	Teacher should then add a first announcement message.	4 hrs	Riley
6	Add a picture to the classroom description.	6 hrs	Riley
7	Auto-generate a class code that students can enter to join the classroom.	3 hrs	Jake
8	Test to ensure classroom information is handled properly.	3 hrs	Eric
User Story #7 Total Hours		**36 Hours**	

Acceptance Criteria

- ❏ Given a successful teacher login, when they arrive on the home page, then they should see responsive sidebar on the side of the screen.
- ❏ Given a successful teacher login, when they arrive on the home page, then they should see a message on how to set up a classroom and a button to start the process.
- ❏ Given teacher clicked to create a class, when they arrive on the setup page, then they should see a responsive form to fill out with classroom information.
- ❏ Given the teacher filled in the classroom information, when they click next, then they will be able to select which classroom features they want to be enabled for their room.
- ❏ Given the teacher picked which features they want, when they click next, then they are able to add their first announcement to the class welcoming the students.
- ❏ Given the teacher made the first announcement, when they click next, then they be able to add a classroom photo to represent the class.
- ❏ Given the teacher adds a class photo, when they click next, then they be given an access code for their students to enter to join the classroom.

User Story #8

As a student, I would like to be able to join my current classes.

#	Description	Estimated Time	Owner
1	Implement an add classroom section in the user settings page.	4 hrs	Eric
2	Allow user to input code given by the teacher and click join.	3 hrs	Jake
3	Test to make sure the code is valid.	2 hrs	Jake
4	Add classroom joined to the student's list of classrooms and sidebar.	5 hrs	Jeremy
5	Test to make sure the class is joined and updated properly.	2 hrs	Jeremy
User Story #8 Total Hours		16 Hours	

Acceptance Criteria

❏ Given the student goes the settings page, when they arrive at the join classroom section, then they should be prompted to enter the code given by the teacher.

❏ Given the student enters a wrong code, when they hit submit, then they should be prompted to re-enter the code.

❏ Given the student enters the correct code, when the clicks join, then they should see the class added to the sidebar and in the classrooms joined in their setting page.

User Story #9

As a user, I would like to have an about page when first visiting the site.

#	Description	Estimated Time	Owner
1	Create a responsive navigation section.	5 hrs	Jeremy
2	Implement a section where the user can select which role they play in a classroom and take to specific section.	5 hrs	Jeremy
3	Have a student information section detailing how Scribe Scholars can make a student's life easier.	5 hrs	Jeremy
4	Have a teacher information section detailing how Scribe Scholars can make a teacher's life easier.	5 hrs	Jeremy
5	Have an administrator information section detailing how Scribe Scholars can make an administrator's life easier.	5 hrs	Jeremy
6	Have a parent information section detailing how Scribe Scholars can make a parent's life easier.	5 hrs	Riley
7	Implement a contact us section for people to ask any questions they have.	6 hrs	Riley
User Story #9 Total Hours		**36 Hours**	

Acceptance Criteria

❏ Given the user enters our website, when they load, then they will see a navbar with all sections of about page and in the middle will be a choice for them to choose their role.

❏ Given the user selects a role, when they click the button, then they will be taken to their respective information section with how Scribe Scholars can help them.

❏ Given the user has questions, when they scroll to the contact section, then they will be able to enter a form and ask any question they may have about our product.

Remaining Backlog

Milestone	Tasks
1 - Functional	
	As a user
~~1.01~~	~~As a user, I would like to be able to create an account.~~
~~1.02~~	~~As a user, I would like to be able to login to my account.~~
~~1.03~~	~~As a user, I would like to be able to reset my password.~~
~~1.04~~	~~As a user, I would like to be able to adjust account information~~
~~1.05~~	~~As a user, I would like to have an about page when first visiting site~~
	As a student
~~1.06~~	~~As a student, I would like to be able to have an easy to navigate landing page.~~
~~1.07~~	~~As a student, I would like to be able to join my current classes.~~
~~1.08~~	~~As a student, I would like to be able to see an overview of all my classes.~~
1.09	As a student, I would like to be able to access in-class lessons.
1.10	As a student, I would like to be able to access homework.
1.11	As a student, I would like to be able to receive notifications of deadlines.
1.12	As a student, I would like to be able to see an overview of my grades in a specific class.
1.13	As a student, I would like to be able to see my current class rank and GPA.
1.14	As a student, I would like to be able to have an easy-to-use question forum for discussion.
1.15	As a student, I would like to be able to have a function for creating groups for group projects.
1.16	As a student, I would like to be able to submit a regrade request to my teacher
	As a teacher
~~1.17~~	~~As a new teacher, I would like to have landing page helping me to set up a classroom~~

1.18	As a teacher, I would like to be able to have a dashboard with data on class performance.
1.19	As a teacher, I would like to be able to have a table of current students in my class.
1.20	As a teacher, I would like to be able to have a dashboard with data on individual students overall performance.
1.21	As a teacher, I would like to be able to see a live data feed of in-class lesson performance of all students.
1.22	As a teacher, I would like to be able to see who is having issues with class lessons.
1.23	As a teacher, I would like to be able to see a descending-order list of class ranks.
1.24	As a teacher, I would like to be able to create my own in-class learning modules.
1.25	As a teacher, I would like to be able to create personalized homework assignments.
1.26	As a teacher, I would like to be able to create simple tests to test students understanding.
1.27	As a teacher, I would like to be able to input student grades in an easy to use manner.
1.28	As a teacher, I would like to be able to ask a question to a class and see student reponses
	As an administrator
1.28	As an administrator, I would like to be able to see all classrooms using SS in my school.
1.29	As an administrator, I would like to be able to see data on specific classroom performance.
1.30	As an administrator, I would like to be able to get in contact with teachers through SS.
	As a parent
1.31	As a parent (if my student is under 18), I would like to be able to see my child's grades and class progress.
1.32	As a parent (if my student is under 18), I would like to be able to get in touch with my child's teacher.
1.33	As a parent (if my student is under 18), I would like to be able to see a pre-calculated GPA for my student.
1.34	As a parent (if my student is under 18), I would like to be able to manage my child's connected classrooms.
	As a developer
1.35	As a developer, I would like a repository setup that allows for easy updates for the site.