

Southwest Innovation Research Lab (SwIRL) Skhedule - Sprint 4 Plan

Team Roles:

We have elected Glen Browne as scrum master and Eric McGonagle as product owner.

Weekly Customer Meeting:

Weekly customer meetings are set for Thursdays at 9:00 am CST. The main topic of conversation for these meetings will be asking final questions regarding functionalities for both the single dinner events as well as series events considering that the former is in its final stages of development while the latter is slightly behind in functionality. Any UI design questions will also be brought up now that the website's look can be improved once the majority of the logic has been put into place.

Sprint Goal:

Sprint 4 is used to finalize some features while also improving the look of the website for all of the users including accessibility on top of just simply the look and feel. As far as the appeal of the website, Jon recommended making it brighter rather than keeping the darker black as the main color; he suggests even playing around with A&M colors as a potential option. In addition to further bug testing on various features the team has implemented throughout this project, specifically Sprint 3, the series events logic will need some tending to, now that the single dinner event logic has largely been completed.

User Stories:

User Story 1: Viewing Countdown Timer for the Series Event

Points: 3

Assigned to: Debal Goswami

Feature: As a user, I want to add a countdown timer to the Series Event to schedule reminder emails to be sent after the timer ends.

Scenario:

Given I am editing a Series Event

When I set the countdown timer to a specific duration

And I save the event

Then the countdown timer should start

And an automated reminder email should be sent to participants when the timer ends

Tasks:

1. Implement UI components for adding and displaying the countdown timer in the Series Event creation/editing interface.
2. Develop backend functionality to handle the countdown timer logic for the series event.
3. Integrate the countdown timer functionality with the email notification system to trigger reminder emails after the timer expires.
4. Test the countdown timer feature thoroughly to ensure accuracy and reliability.
5. Address any bugs or issues identified during testing and user feedback.
6. Add console debugging functionality and try to fix any bugs available from before or some other functionality.

User Story 2: Making the website dynamic to fit across all the devices

Points: 3

Assigned to: Debal Goswami

Feature: As a user accessing the website from various devices, I want the website to adjust its layout and functionality dynamically to ensure a seamless experience on any screen size.

Scenario: Desktop Access

Given I am accessing the website

When I view the website on a desktop computer

Then the website layout should adjust to utilize the larger screen space efficiently, with content organized logically and navigation elements easily accessible.

Scenario: Mobile Access

Given I am accessing the website

When I view the website on a mobile device

Then the website layout should adapt to the smaller screen size, with content stacked vertically for easy scrolling and navigation elements condensed into a mobile-friendly menu.

Tasks:

1. Define CSS rules using media queries to adjust the layout, font sizes, and element positioning based on the device's screen size.
2. Design and integrate a mobile-friendly navigation menu that collapses into a hamburger icon for smaller screens, providing easy access to all website sections.
3. Conduct thorough testing across different devices, browsers, and screen sizes to ensure the responsive design functions as expected and provides a consistent user experience.

User Story 3: Adding Google Calendar functionality to the Series Event

Points: 2

Assigned to: Prakhar Singh

Feature: As a user, I want to add my Series Event to Google Calendar to view and manage it more easily

Scenario:

Given I am on a series event status page

When I click “add to Google Calendar”

I should be able to view it on their Google Calendar.

Tasks:

- Implement UI components for adding the event to Google Calendar in the Series Event creation/editing interface.

- Develop backend functionality to handle adding events.

- Test the calendar feature thoroughly to ensure accuracy and reliability.

- Address any bugs or issues identified during testing and user feedback.

- Add console debugging functionality and try to fix any bugs available from before or some other functionality.

User Story 4: Send no more invitations than the maximum amount allowed.

Points: 3

Assigned to: Pankaj Kumar Tiwari

Feature: As the event planner, so that no more invitations than the event capacity are sent, I want to send out as many invitations as possible, up to the maximum amount that I determine.

Scenario:

Given that I recently created an event and am on its event status page

When I hit the "send emails" link.

Then the quantity of emails I send should be less than or equal to the event's capacity

Tasks:

- Edit “send_initial_invitations” controller action to check capacity field of event_info for corresponding event and only iterate the sending action that many times (or until the list is done) (5 hours)

User Story 5: Add Text Box for Email

Points: 3

Assigned to: Glen Browne

Feature: As a user, so that I can simplify the process of sending invites, I want to add a text box for entering participant emails during Series Event and Single Event creation.

Scenario:

Given I am creating a new Series Event or Single Event

When I enter valid email addresses in the text box for emails

And I save the event

Then the email addresses should be associated with the event for invitations

Tasks:

1. Implement a UI component for the text box where emails can be entered.
2. Develop functionality to validate and store the entered email addresses.
3. Integrate this component with the event creation workflow to ensure emails are saved with the event details.
4. Test the feature to ensure email addresses are correctly captured and stored.
5. Address any bugs or issues found during testing.

User Story 6: Make Reminder Email Different from Initial Email

Points: 2

Assigned to: Eric McGonagle

Feature: As a user, in order to avoid confusion among participants, I want the reminder email for the Series Event and the Single Event to be different from the initial invitation email

Scenario: Sending a reminder email

Given the countdown timer for a Series Event or Single Event has ended

When the system sends out a reminder email

Then the reminder email template should be different from the initial invitation email template

Tasks:

1. Design a template for reminder emails that is distinct from the invitation email.
2. Implement the logic to select the appropriate email template based on the type of email being sent (invitation vs. reminder).
3. Test the email sending functionality to ensure the correct template is used.
4. Address any issues found during testing.

User Story 7: Update Invitation Status Indicators

Points: 3

Assigned to: Carlos Meisel

Feature: Update the status indicators for invitations to accurately reflect the current state of participant responses.

Scenario: Invitations not yet sent, checking status

Given I have not sent out invitations

When I check the status of the invitations

Then I should see the statuses as ““Invitations not yet sent”

Scenario: Invitations were sent, checking status

Given I have sent out invitations

When I check the status of the invitations

And a user has not replied

Then I should see the status as ““Invitation sent - awaiting reply”

Tasks:

1. Implement changes in the UI to display updated status indicators such as “Invitation not yet sent,” “Invitation sent - awaiting reply,” and “Replied - attending/not attending.”
2. Update backend logic to accurately track and reflect these statuses.
3. Test these updates to ensure the status is correctly displayed and updated in real-time.
4. Address any feedback or bugs found during testing.

User Story 8: Handling Time Slot Conflicts for Series Event

Points: 1 (Least Priority)

Assigned to: Glen Browne

Feature: As an event organizer, so that time slot conflicts are handled gracefully, I want to notify users when a selected time slot for a Series Event is already filled and provide options to select an empty slot.

Scenario: Selecting a time slot that is already booked

Given I am scheduling a new Series Event

When I select a time slot that is already filled

Then I should receive a notification that the time slot is already filled

And I should be prompted to select an empty slot

Tasks:

1. Develop a check to identify when a user selects a time slot that is already booked.
2. Implement a UI notification to inform the user of the conflict and prompt for an alternative time slot selection.

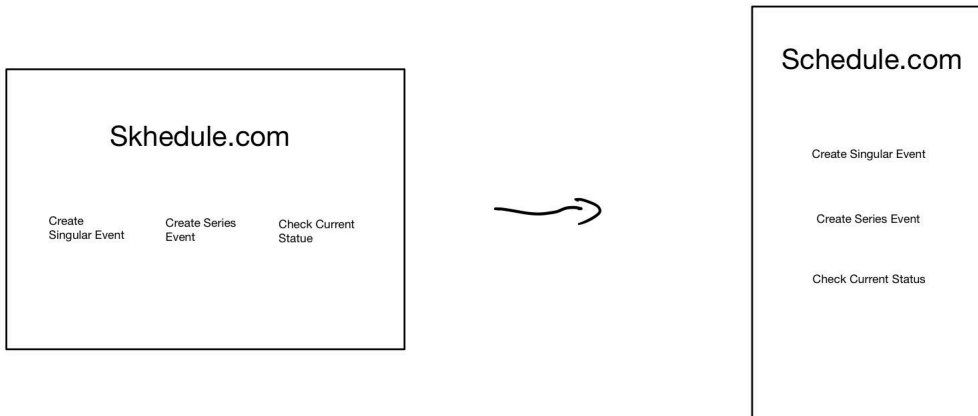
3. Test this feature to ensure that the message is clear and the user can easily select another slot.
4. Address any usability issues identified during testing.

Lo-Fi Mockups:

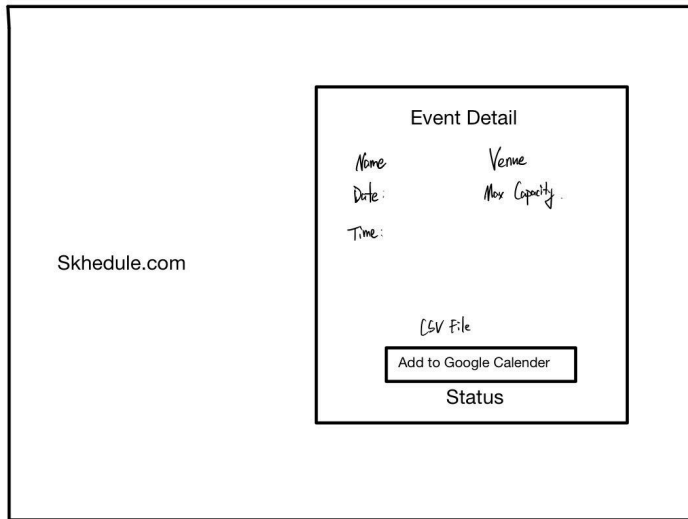
Story 1:

A rectangular mockup for a mobile application screen. The top header bar contains three 'X' icons on the left and a pencil icon and a trash can icon on the right. The main content area is a large rectangle containing the following text elements: 'Event Detail', 'Time Slots', 'Yes/No Ratio', 'Time for Reminders', 'Send Emails', 'Send Reminder Emails', and 'Attendees:'.

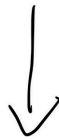
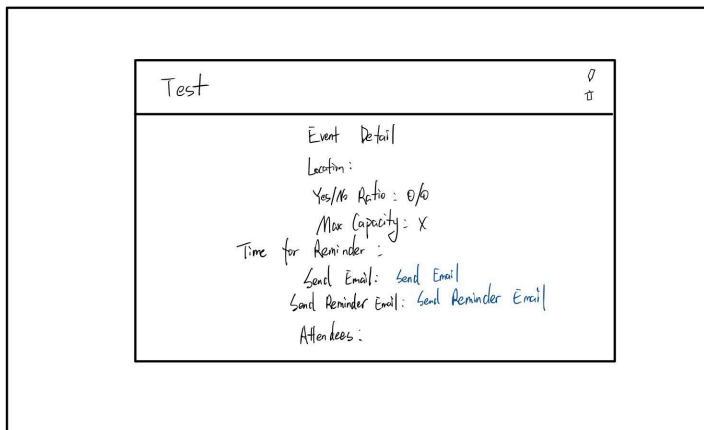
Story 2:



Story 3:



Story 4:



the quantity of emails I send should be less than or equal to the event's capacity

Story 5:

Event Creation

Event Name <input type="text"/>	Event Venue <input type="text"/>
Event Date <input type="text"/>	Max Capacity <input type="text"/>
Event Start Time <input type="text"/>	Event End Time <input type="text"/>
Reminder Time <input type="text"/>	Upload List of Emails <input type="text"/>

Email

Add

Submit

Story 6:

Event Reminder

Event Detail:

If you want to make a decision to this invitation, please reply ASAP.

Yes, I'll attend. No, I'll not attend.

Story 7:

Test

Event Detail

Location:
Yes/No Ratio: 0/0
Max Capacity: X
Time for Reminder:
Send Email: Send Email
Send Reminder Email: Send Reminder Email
Attendees:

- Email: xxx@xxx.com
Status: Invitation Not Yet Sent
- Email: xxx@xxx.com
Status: Invitation Sent - Awaiting reply

Story 8:

Skhedule.com
Series Event Form

Event Name:

Event Venue:

Date
Start Time
End Time

Date
Start Time
End Time
Remove

Add Date - Time Pair

Upload CSV File

Submit



The Time slot is already filled

Links:

Github Repo: <https://github.com/gdbrowne85/SwIRL-CSCE-606>

Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2690139>

Heroku: <https://dashboard.heroku.com/apps/swirlskehdude>

Code Climate: <https://codeclimate.com/github/gdbrowne85/SwIRL-CSCE-606>