

IT-414 Lab-4

Software Project Management

Group 26

Shantanu Tyagi (201801015)

Mitesh Koradia (201901017)

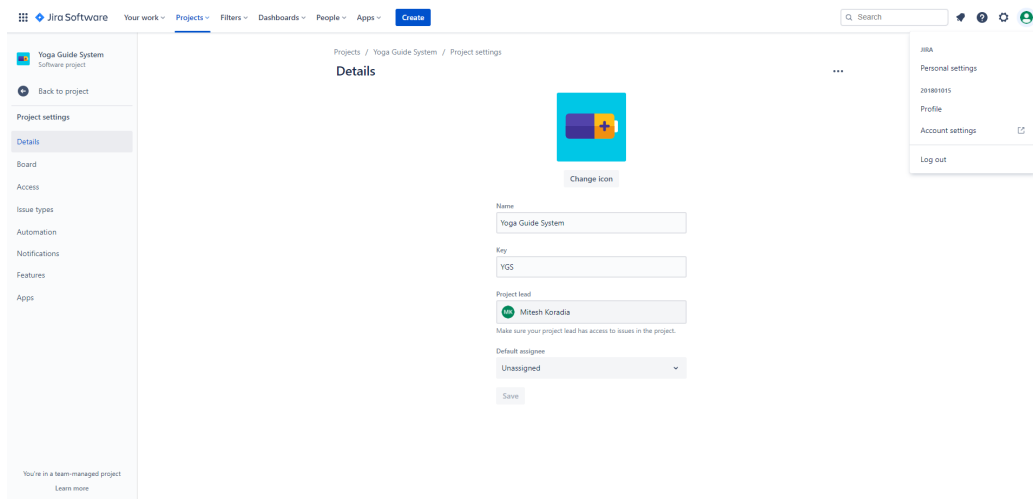
Shubham Sharma (201801058)

1. Abstract :

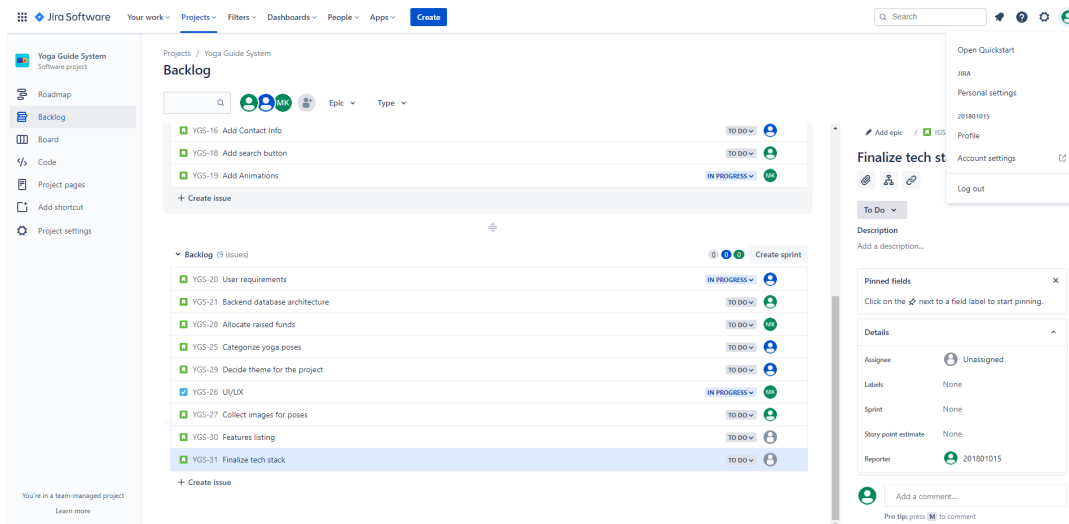
If you have ever practised yoga, you can easily relate to its tremendous potential for improving mental, physical, spiritual, and emotional wellbeing. Increased awareness of physical health and fitness has made people far and wide adopt yoga as a way to stay fit and keep their minds calm. Around more than 300 million citizens practise yoga worldwide. With respect to this budding market and realising its potential, we plan to bring people together through yoga. With the aid of yoga software, people can practise yoga at the time they wish, along with the right postures and asanas. The development of this software provides just the right road to self-development and self-knowledge to the people. The main objective of our software is to enable anyone to do yoga from their comfort zone.

On research, it appears that there are various types of people with different preferences for practising yoga. So, we will consider various personas for a user-centric app. It will offer a complete workout, not just for the body but also for the mind and soul. This is ensured using a pleasing UI/UX design that keeps your spirits high. It promotes inner peace by striking a harmony between the physical, emotional, and spiritual well-being of a person with the right utilisation of sound graphics and touch responses. Applications for yoga are divided into two types: applications that let users practice independently and applications that connect users with yoga instructors. The prior one is free for all while the latter one is a paid subscription plan.

2. A blank project was created, collaborators were invited.

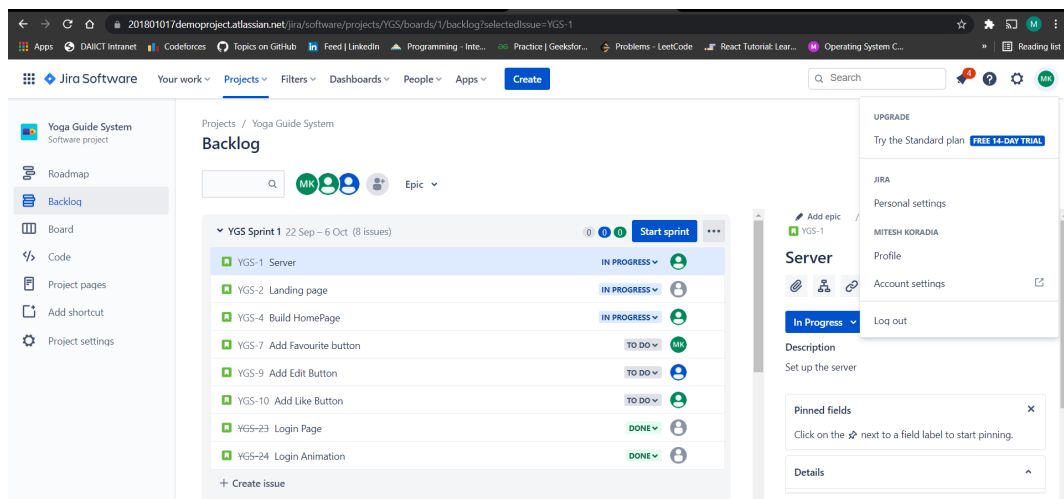


3. A) Backlogs added



B)

- Sprint-1 created



● Sprint-2 created

The screenshot displays the Jira Software interface for the 'Yoga Guide System' project. The 'Backlog' view shows a list of issues under 'YGS Sprint 2'. The issues are: YGS-11 Build Login Page (TO DO), YGS-12 Add Forget Password (IN PROGRESS), YGS-13 Build Dashboard (IN PROGRESS), YGS-14 Create Profile page (TO DO), YGS-16 Add Contact Info (TO DO), YGS-18 Add search button (TO DO), and YGS-19 Add Animations (IN PROGRESS). A sidebar on the left provides navigation options like Roadmap, Backlog, Board, Code, Project pages, Add shortcut, and Project settings. A right sidebar shows details for issue YGS-14, including assignee (2018 01058), labels (None), sprint (YGS Sprint 2), and story point estimate (None).

❖ Completed Issues(Sprint-2)

The screenshot shows the Jira Software interface for the 'Yoga Guide System' project, specifically the 'Host' issue (YGS-3). The issue description is 'Host the blank website'. The activity feed shows a comment from user 2018 01058 stating 'Host server is working fine now !!'. A right sidebar shows details for the issue, including assignee (2018 01058), labels (None), sprint (YGS Sprint 1), and reporter (Mitesh Koradia). The status is 'Done'.

The screenshot displays the Jira Software interface for the 'Yoga Guide System' project, specifically the 'Create Profile page' issue (YGS-14). The issue description is 'User can input various personal information'. The activity feed shows a comment from user 2018 01058 stating 'Profile page has been set up for deployment'. A right sidebar shows details for the issue, including assignee (2018 01058), labels (None), sprint (YGS Sprint 2), and reporter (Mitesh Koradia). The status is 'Done'.

4. Meeting notes for sprints:

Meet 1:

The screenshot shows a Confluence page for a meeting note. The left sidebar contains a navigation menu with options like Overview, Blog, Space Settings, and various shortcuts. The main content area is titled 'Meeting note (Sprint 1.a)' and includes metadata such as 'Created by Mitesh Koradia' and 'Last updated: 4 minutes ago'. The page is structured into sections: Date (Sep 15, 2021), Participants (listing @Mitesh Koradia and two IDs), Goals (listing 'Login Page'), and Discussion topics (a table with columns Time, Item, Presenter, and Notes). The table has one row for a 3:00pm to 4:00pm session where Mitesh discussed authentication for a login page. A 'Decisions' section follows, noting a discussion about the design and UI of the Login Page. At the bottom, there is a 'Like' button and a 'Quickstart' button.

Yoga Guide System

Overview

Blog

Space Settings

SPACE SHORTCUTS

Meeting notes

Retrospectives

Pages

Meeting notes

Meeting notes (Sprint ...

Meeting note (Sprint ...

Meeting notes (Sprint...

Retrospectives

2021-09-22 Retrospect...

Meeting notes (Sprint...

Meeting notes(Sprint 2...

Meeting notes(Sprint 2...

Meeting note (Sprint 1.a)

Created by Mitesh Koradia
Last updated: 4 minutes ago by 201801015 • 1 min read

Date

Sep 15, 2021

Participants

- @Mitesh Koradia
- 201801015
- 201801058

Goals

- Login Page

Discussion topics

Time	Item	Presenter	Notes
3:00pm to 4:00pm	1	Mitesh	<ul style="list-style-type: none">In order to provide authentication for users , we will be required to make a login page for the website @Mitesh Koradia

Decisions

- Discussed about the design and UI of the Login Page.

Like Be the first to like this

Quickstart

Meet 2:

The screenshot shows a Confluence page for a meeting note. The left sidebar is identical to the previous page. The main content area is titled 'Meeting notes (Sprint 1.b)' and includes metadata such as 'Created by 2018 01058' and 'About an hour ago • 1 min read'. The page is structured into sections: Date (Sep 15, 2021), Participants (listing @2018 01058, @201801015, and @Mitesh Koradia), Goals (listing 'Designing of Home Page'), and Discussion topics (a table with columns Time, Item, Presenter, and Notes). The table has two rows: one for 8:00 pm - 9:30 pm where @2018 01058 discussed navbar functionality, and another for 9:30 pm to 10:00 pm where @2018 01058 discussed passport.js for authentication. At the bottom right, there is a 'Quickstart' button.

Yoga Guide System

Overview

Blog

Space Settings

SPACE SHORTCUTS

Meeting notes

Retrospectives

Pages

Meeting notes

Meeting notes (Sprint ...

Meeting note (Sprint ...

Meeting notes (Sprint...

Retrospectives

2021-09-22 Retrospect...

Meeting notes (Sprint...

Meeting notes(Sprint 2...

Meeting notes(Sprint 2...

Meeting notes (Sprint 1.b)

Created by 2018 01058
About an hour ago • 1 min read

Date

Sep 15, 2021

Participants

- @2018 01058
- @201801015
- @Mitesh Koradia

Goals

- Designing of Home Page.

Discussion topics

Time	Item	Presenter	Notes
8:00 pm - 9:30 pm	1	@2018 01058	<ul style="list-style-type: none">Home page must contain a navbar containing all the important functionality so that the user can navigate around the website with ease.
9:30 pm to 10:00 pm	1	@2018 01058	<ul style="list-style-type: none">We can look for different software like passport.js for authentication.

Quickstart

Meet 3:

The screenshot shows a Confluence page within the 'Yoga Guide System' space. The page is titled 'Meeting notes (Sprint 1.c)' and was created by user 2018 01058. It includes a date of Sep 18, 2021, a list of participants (@2018 01058, @Mitesh Koradia, @201801015), and a goal of 'Login animation.' The 'Discussion topics' section contains a table with one entry.

Time	Item	Presenter	Notes
3:00 pm - 5:00 pm	1	@201801015	<ul style="list-style-type: none"> We must add some animation for the login page so that the user gets attracted towards our website due to its eye catching front end design and animations.

At the bottom right, there is a 'Quickstart' button.

Meet 4:

The screenshot shows a Confluence page within the 'Yoga Guide System' space. The page is titled 'Meeting notes (Sprint 2.a)' and was created by user 201801015. It includes a date of Sep 16, 2021, a list of participants (@201801015, @201801058, @Mitesh Koradia), and a goal of 'How to add Search Option.' The 'Discussion topics' section contains a table with one entry.

Time	Item	Presenter	Notes
2:00 pm - 3:30 pm	1	@201801015	<ul style="list-style-type: none"> We need a search bar so that user can search about his exercise with ease.

Below the table, there is an 'Action items' section with a single empty checkbox.

Meet 5:

The screenshot shows a Confluence page for a meeting. The left sidebar contains a navigation menu with 'Yoga Guide System' at the top, followed by 'Overview', 'Blog', 'Space Settings', 'SPACE SHORTCUTS' (with links to 'Meeting notes' and 'Retrospectives'), and 'Pages' (with a list of documents including 'Meeting notes', 'Meeting notes (Sprint ...)', 'Meeting note (Sprint ...)', 'Meeting notes (Sprint...', 'Retrospectives', '2021-09-22 Retrospect...', 'Meeting notes (Sprint...', 'Meeting notes(Sprint 2...', and 'Meeting notes(Sprint 2...'). The main content area is titled 'Meeting notes(Sprint 2.b)' and includes a header with a user icon, creation date '2018 01058', and last update '201801015'. Below the header, there are sections for 'Date' (Sep 20, 2021), 'Participants' (a list of three users: @2018 01058, @Mitesh Koradia, and @201801015), 'Goals' (a list with 'Password Recovery Option'), and 'Discussion topics'. The 'Discussion topics' section contains a table with columns 'Time', 'Item', 'Presenter', and 'Notes'. The table has one row: '3:00 pm - 5:00 pm', '1', '@Mitesh Koradia', and 'We need some to create a functionality where the user can easily recover his password if he forgets it.' At the bottom of the page, there is a 'Like' button, a comment input field, and a 'Quickstart' button.

Yoga Guide System

Meeting notes(Sprint 2.b)

Created by 2018 01058
Last updated: a minute ago by 201801015 • 1 min read

Date
Sep 20, 2021

Participants

- @2018 01058
- @Mitesh Koradia
- @201801015

Goals

- Password Recovery Option

Discussion topics

Time	Item	Presenter	Notes
3:00 pm - 5:00 pm	1	@Mitesh Koradia	We need some to create a functionality where the user can easily recover his password if he forgets it.

Like Be the first to like this

meeting-notes x

Write a comment...

Quickstart

Meet 6:

The screenshot shows a Confluence page for a meeting. The left sidebar contains a navigation menu with 'Yoga Guide System' at the top, followed by 'Overview', 'Blog', 'Space Settings', 'SPACE SHORTCUTS' (with links to 'Meeting notes' and 'Retrospectives'), and 'Pages' (with a list of documents including 'Meeting notes', 'Meeting notes (Sprint ...)', 'Meeting note (Sprint ...)', 'Meeting notes (Sprint...', 'Retrospectives', '2021-09-22 Retrospect...', 'Meeting notes (Sprint...', 'Meeting notes(Sprint 2...', and 'Meeting notes(Sprint 2...'). The main content area is titled 'Meeting notes(Sprint 2.c)' and includes a header with a user icon, creation date '2018 01058', and last update 'About an hour ago • 1 min read'. Below the header, there are sections for 'Date' (Sep 22, 2021), 'Participants' (a list of three users: @2018 01058, @201801015, and @Mitesh Koradia), 'Goals' (a list with 'Profile Page' and 'Tracking Progress'), and 'Discussion topics'. The 'Discussion topics' section contains a table with columns 'Time', 'Item', 'Presenter', and 'Notes'. The table has two rows: '4:00 pm - 6:00 pm', '1', '@201801015', and 'There should be a profile page where the user can add details about himself such as his name, age, profile picture.'; and '6:00 pm - 7:00 pm', '1', '@201801015', and 'We can also think of building a timeline, where user can record his progress over the time.' At the bottom of the page, there is a 'Like' button, a comment input field, and a 'Quickstart' button.

Yoga Guide System

Meeting notes(Sprint 2.c)

Created by 2018 01058
About an hour ago • 1 min read

Date
Sep 22, 2021

Participants

- @2018 01058
- @201801015
- @Mitesh Koradia

Goals

- Profile Page
- Tracking Progress

Discussion topics

Time	Item	Presenter	Notes
4:00 pm - 6:00 pm	1	@201801015	There should be a profile page where the user can add details about himself such as his name, age, profile picture.
6:00 pm - 7:00 pm	1	@201801015	We can also think of building a timeline, where user can record his progress over the time.

Like Be the first to like this

Quickstart

5. Retrospective page:

2021-09-22 Retrospective



Created by 201801015
About 3 hours ago • 1 min read

The goal of this retrospective is to discuss the current progress achievements and improvements that can be done in the early stage so as to make it easy in the later stages to manage the project.

Date	Sep 22, 2021
Team	Yoga Guide System
Participants	Shantanu, Shubham, Mitesh

Background

Various improvements can be made with respect to keeping different teams updated, and accounting for user experience from the very start itself. The planning was done very well and all the tasks were completed on time with proper feedback. A few practices that caused delay need to be worked upon.

Start doing	Stop doing	Keep doing
<ul style="list-style-type: none"> • Grammar check while writing and not at the end • Pre launch testing • Account of ease of navigation • Adding personalisation in features wrt the profile • Communicating on the progress and difficulties • Asking different teams about their work to get overall information about the project 	<ul style="list-style-type: none"> • Overthinking about implementing multiple features instead of making existing features better • Landing page took too much time to deploy • clear backlogs before moving on to the next sprint 	<ul style="list-style-type: none"> • Planning was much better than last time • Respect the deadlines • Dynamics of resolving issues was well coordinated • Keep motivating each other like usual • Gathering feedback

Action items

Coordinate meetings ensuring the availability of the members and make extensive meeting notes

Work from home is suspended for a week for all members to encourage better communication and avoid unnecessary delays.

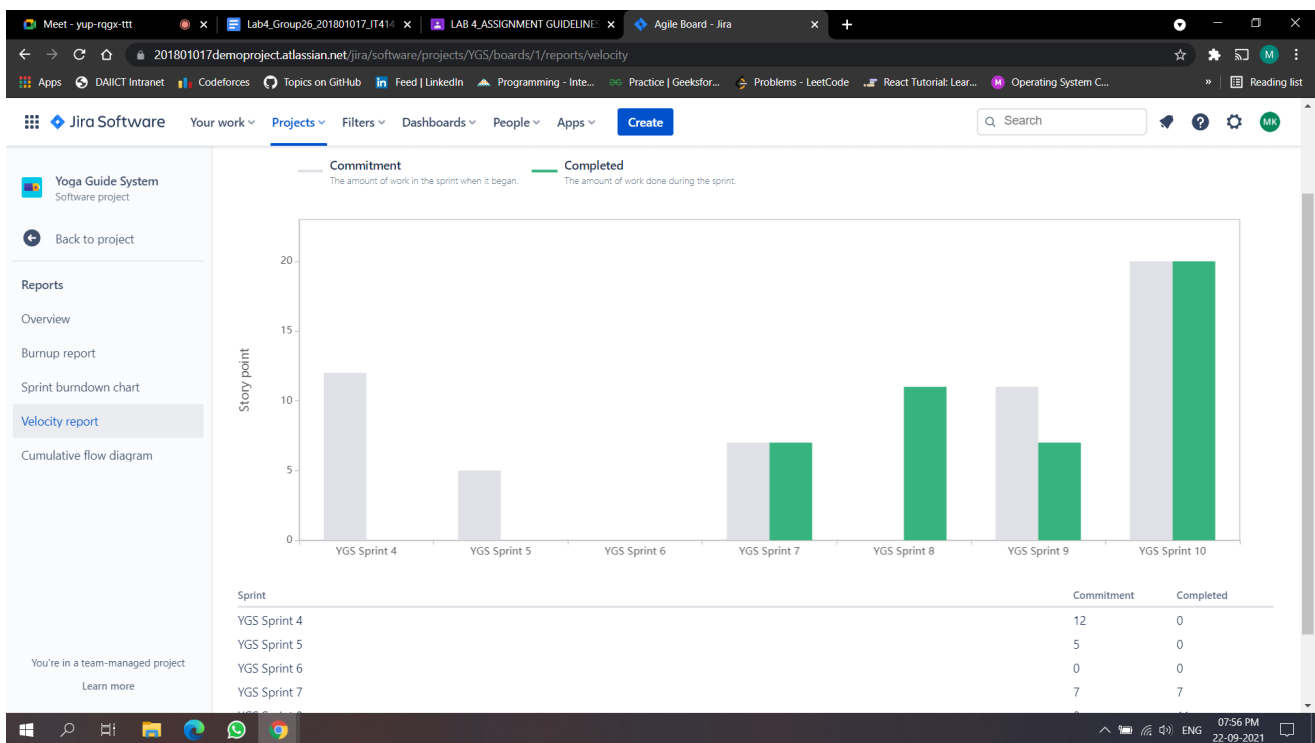
6. User Stories:

Story	User Perspective	System Perspective
<p>As a new user, I would be able to register into a website by creating a username and password so that my data is remembered by the system.</p> <ul style="list-style-type: none"> I would be able to log in via google login. I would like to log in using my facebook. 	<p>The user will select a username that will display on the profile and a password for logging in again later.</p>	<p>The username and passwords will be hashed into the database.</p>
<p>As a user, I would be able to access the video tutorial of different exercises so that I will be able to perform those perfectly.</p>	<p>Users will be shown a video tutorial of the selected exercise so that they can perform the exercise correctly.</p>	<p>The database will fetch the video information related to the selected exercise so that the user can watch it with ease.</p>
<p>As a user, I would be able to find the information related to the exercise that I click on, so that I can decide whether to perform it or not.</p> <ul style="list-style-type: none"> There should be a search bar where I can find the exercises by their name that are available in the database. 	<p>Users will be shown a list of exercises searched and then click on them and to get the detailed information on it.</p>	<p>A search bar will be provided to the user on which searching on the database can be performed which will display the appropriate result as asked by the user.</p>
<p>As a user, I want a like button so that I will remember the exercise that I had liked before.</p>	<p>Users can star(add to favourites)/bookmark exercises.</p>	<p>The database will store the bookmarked exercises that will be remembered until changed.</p>
<p>As a user, I want a user-friendly website so that I can use all functionalities with ease.</p>	<p>Even if the user is new to the website related to fitness, he should be able to use all functionality without facing any difficulties.</p>	<p>In the front-end part, a navbar can be provided that will facilitate the user to navigate around the website with ease.</p>
<p>As a user, I want to edit information functionality so that I can update my profile whenever I want.</p>	<p>User will click on the edit option in the profile page and then will be able to change information and save it.</p>	<p>Information should be updated and should be shown in the database correctly.</p>

- These user stories had been added to the corresponding sprints and can be found in an earlier screenshot in the sprint section.

7. Velocity Chart

The velocity chart displays the average amount of work a scrum team completes during a sprint. Teams can use velocity to predict how quickly they can work through the backlog because the report tracks the forecasted and completed work over several sprints. The more sprints, the more accurate the forecast. The grey bar for each sprint shows the total estimate of all issues in the sprint when it begins. After the sprint has started, any stories added to the sprint, or any changes made to estimates, will not be included in this total. The green bar in each sprint shows the total completed estimates when the sprint ends. Any scope changes made after the sprint started are included in this total.



8. Roadmap

Roadmap for the project with epics, subtasks and timelines assigned to the corresponding sprint.

[Projects](#) / [Yoga Guide System](#)

Roadmap

The image shows a Jira Scrum board for 'YGS Sprint 1'. The board is organized into columns representing days of the week. The current date is September 22, indicated by a vertical orange line. Tasks are listed on the left, with their status and duration bars shown on the right. The tasks are grouped by Epic.

Epic	Task	Status	Start Date	End Date
YGS-32: Host Blank Site	YGS-33 Server	IN PROGRESS	2023-09-22	2023-09-23
	YGS-34 Frontend	IN PROGRESS	2023-09-22	2023-09-23
	YGS-35 UI/UX	TO DO	2023-09-22	2023-09-29
YGS-39 Database	YGS-38 Login	TO DO	2023-09-22	2023-09-23
	YGS-37 Profile	TO DO	2023-09-22	2023-09-23
	YGS-36 Homepage	TO DO	2023-09-22	2023-09-23
	YGS-40 Code	TO DO	2023-09-22	2023-09-29
YGS-49 Testing	YGS-42 Langing page	TO DO	2023-09-22	2023-09-23
	YGS-41 Login	TO DO	2023-09-22	2023-09-23
	YGS-43 Sign Up	TO DO	2023-09-22	2023-09-23
	YGS-44 Dashboard	TO DO	2023-09-22	2023-09-23
	YGS-45 Profile	TO DO	2023-09-22	2023-09-23
	YGS-46 Homepage	TO DO	2023-09-22	2023-09-23
	YGS-47 Search	TO DO	2023-09-22	2023-09-23
	YGS-48 Animations	TO DO	2023-09-22	2023-09-23