

# 2701ICT Assignment part 1

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# REQUIREMENTS SPECIFICATION

## Overview of the project

Mercury Novel is a company that provides a free online novel website to post and read. They want to create an app version of the website, which will allow people to read novels and save their novel drafts anytime anywhere. The app will also allow users to give and view the comment, following other users, add bookmarks and add novels to their collection.

## Functional requirements

### Root Page (Tabs):

- Allow the user to navigate the main pages by click/touch the tab navigation
- Apply and display on majority screens

### Home Page

- Category button
  - o Navigate to the different novel category page
- User icon
  - o Let user to log in or create an account

### Search Page

- Search bar
  - o Search novel by tags or title
- Display search result

### Collection Page

- Display liked novel
- Card
  - o Open reading page

### My page

- List go to different pages

### Login page

- Input filed
  - o Type email address and password
- Login button to login user
- Regist button navigate to the registration page
- Close button to dismiss modal

### Registration page

- Input filed to fill details for registration
- Regist button to submit registration
- Back button to go back to the login page

## **Novel category page**

- Cards to display novels
  - o Like button to add to the collection or remove from the collection
  - o Comment button to go to the comment page
  - o Share button to share novel
  - o Writer icon to go to writer profile page
- Small modal to display novel info
  - o Close button to close small modal
  - o Read novel button to navigate to reading novel page
  - o Like button to add to the collection or remove from the collection
  - o Writer icon to navigate to writer profile page

## **Reading novel page**

- Back button to go back to the previous page
- Writer icon to navigate to writer's profile page
- Info icon to pop up the novel detail page
- Font button to adjust font size
- Bookmark button to add the bookmark
- Like button to add to the collection or remove from the collection

## **Novel detail page**

- Follow button to follow or unfollow writer
- User icon to navigate to writer's profile
- Novel cover image to display small novel info modal
- Comment input field to give comment
- View more comment button to navigate comment page

## **Comment page**

- Replay button to reply comment
- An input field to give comment

## **User profile page**

- Social media icon to navigate user's social media page
- Right arrow button to navigate to user's novel page

## **Edit profile page**

- Input field to edit user information
- Update button to update the user profile
- Edit button to edit user profile icon image

## **View Draft page**

- List to navigate the reading draft page

## **Create new draft page**

- Input field to write the draft
- Save draft button to save draft

## **Reading draft page**

- Font button to change the font size
- Edit button to navigate to the draft page

### **Feedback page**

- Input field to write information for feedback
- Send button to send feedback

### **Locate us page**

- Map to display company address.

### **Following and follower page**

- Icons to navigate to different following/follower account

### **Bookmark page**

- List of bookmarked novel

## **Task Descriptions**

- Screen design
- Screen implementation:
  - o #1 Home page
  - o #2 Search page
  - o #3 Collection page
  - o #4 My page
  - o #5 Login page
  - o #6 Regist page
  - o #7 Feedback page
  - o #8 Locate us page

# SCREEN DESIGN AND STORYBOARD

## Screen designs

Following screen designs are created with Adobe XD

The image displays two mobile application screens side-by-side, both titled "Mercury Novel".

**Home Page:** This screen shows a list of genres: Fantasy, Sci-Fi, Detective, Romance, and Poetry. Each genre is represented by a dark blue rounded rectangular button with white text. At the bottom is a dark footer bar with four icons: a star for "Home", a magnifying glass for "Search", a heart for "Collection", and a person icon for "My page". The status bar at the top shows signal strength, time (9:41 AM), battery level (100%), and connectivity.

**Search Page:** This screen shows search results for "Fantasy". The first result is a card with a placeholder image, the title "Novel Title", a subtitle "Novel type - short / long", a description of the novel's content, and social metrics (609 likes, 120 shares). Below it are two more identical-looking cards, each with a placeholder image, the title "Novel Title", a subtitle "Novel type", a description, and social metrics (609 likes, 120 shares). The footer bar at the bottom is identical to the Home Page's.

## Collection Page

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### Collections

**Novel Title**  
*Novel type*

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609 120 SHARE

**Novel Title**  
*Novel type*

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609 120 SHARE

**Novel Title**  
*Novel type*

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Home Collection Collection My page

## My Page

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User name  
View my profile

### SECTION HEADER

Edit Profile >

### SECTION HEADER

View my novels >

Create new draft >

View drafts >

### SECTION HEADER

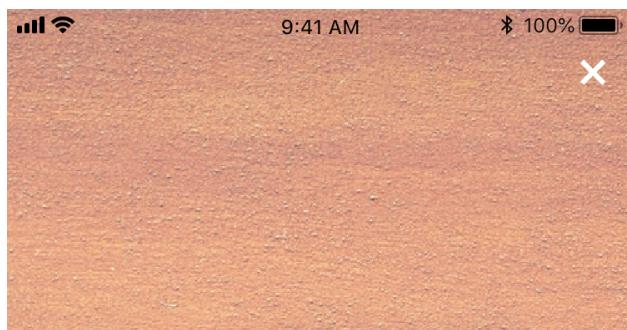
Collection >

Bookmark >

Following >

Home Search Collection My page

## Login Page



## Regist Page

A screenshot of a mobile application's registration screen. At the top, there are status icons for signal strength, battery level (100%), and time (9:41 AM). A back arrow and the text "Create account" are at the top right. The main form area starts with a field for "Nick Name" containing "John Doe". Below it is an "Email" field with the value "johndoe@mail.com". An "Password" field contains six dots. To the right of the password field is a section titled "Personal Information" which includes dropdown menus for "Date of Birth" (set to "09/09/1987") and "Country/Region" (set to "Australia"). A large black button labeled "Create Account" is at the bottom of the form.

## Novel category Page

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Back

Fantasy



Novel Title

Novel type - short / long

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SHARE



Novel Title

Novel type

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120

SHARE



Novel Title

Novel type

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Home



Search



Collection



My page

## Reading Page

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Back



User's Name

Novel Title



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Aa



## Novel detail Page



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### Novel Detail

#### Novel Title

2018-04-03 12 Likes

#### Caption

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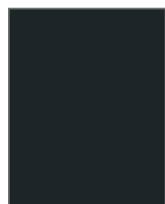
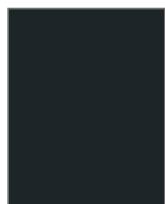
#### Tags

TagName TagName TagName TagName  
TagName TagName TagName TagName



Writer Name

Follow

[View Profile](#)

## Comment Page



9:41 AM

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### Comments



#### User Name

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2018-04-03 [Reply](#)

#### User Name

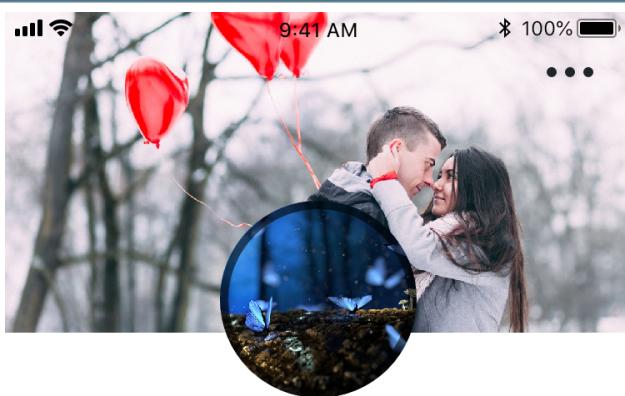
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2018-04-03 [Reply](#)

Leave Comment...

Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	
↑	Z	X	C	V	B	N	M		✖
123		space							return

## User profile Page



### User's works



>

## Edit profile Page

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Back

Edit profile



Nick Name

User Name

Birthday

09/09/1987

Country

Australia

Typing

Update Profile



Home



Search



Collection



My page



Home



Search



Collection



My page

### View draft Page

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Back My Drafts

- Draft Title
- Text Size

### Edit draft Page

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Back Create new draft

Title

Content

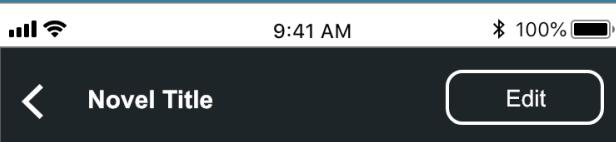
Typing

Save Draft

Home Search Collection My page

Home Search Collection My page

## Read draft Page



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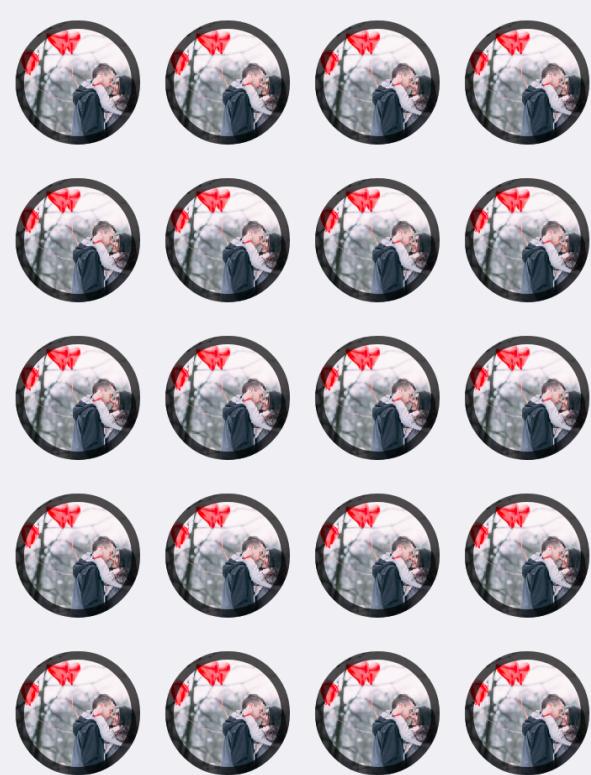
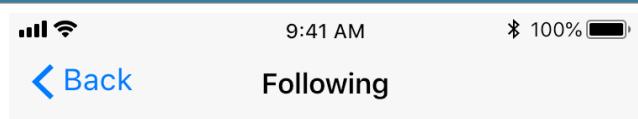
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## Following/Follower Page



Home



Search



Collection



My page

### Feedback Page

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Back Feed back

#### Content

Send us feed back about the app :)

Want hear back from us?

Email  
johndoe@mail.com

Phone  
123567890

Send

Home Search Collection My page

### Locate us Page

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Back Locate Us

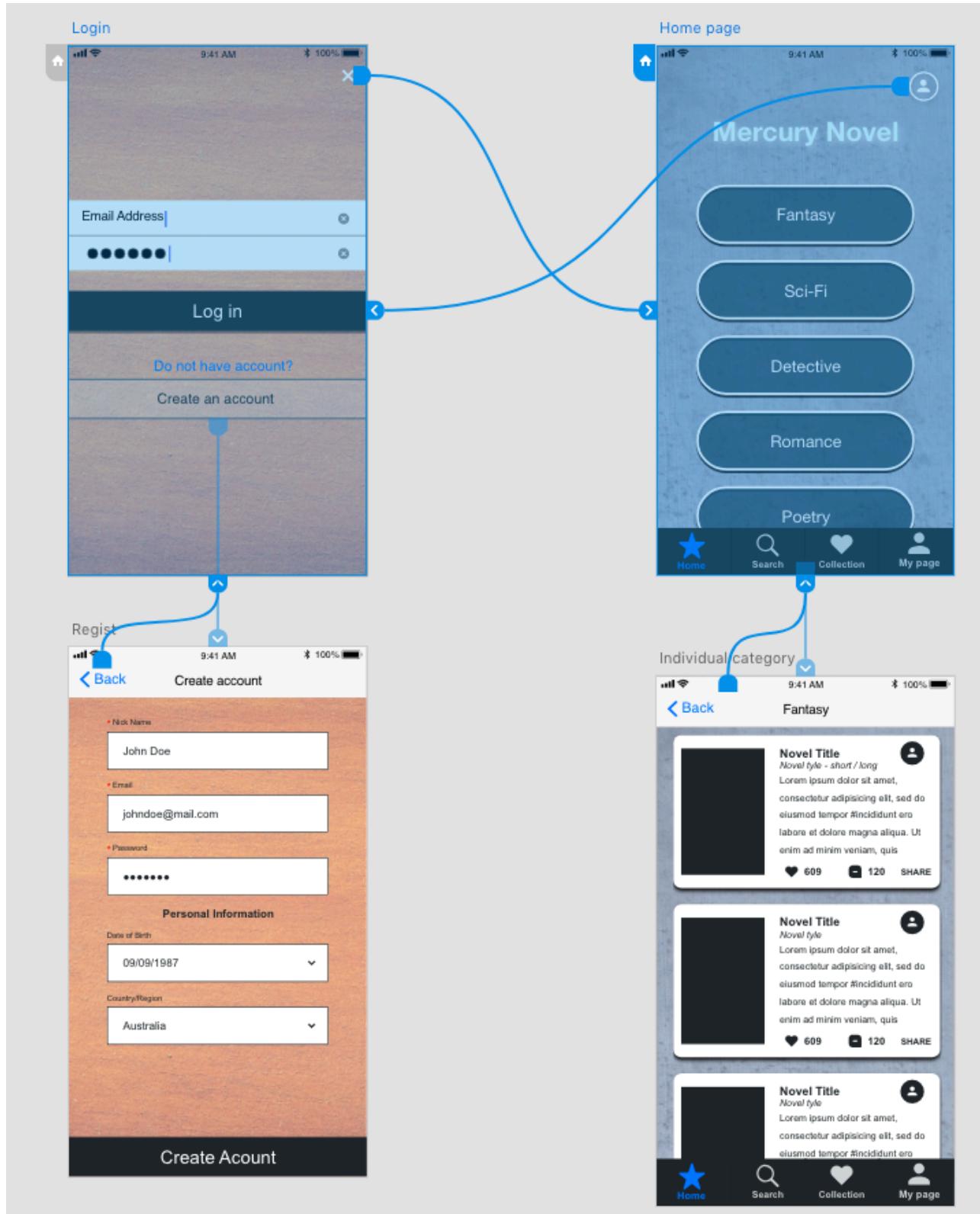
497 Evergreen Rd. Roseville

Home Search Collection My page

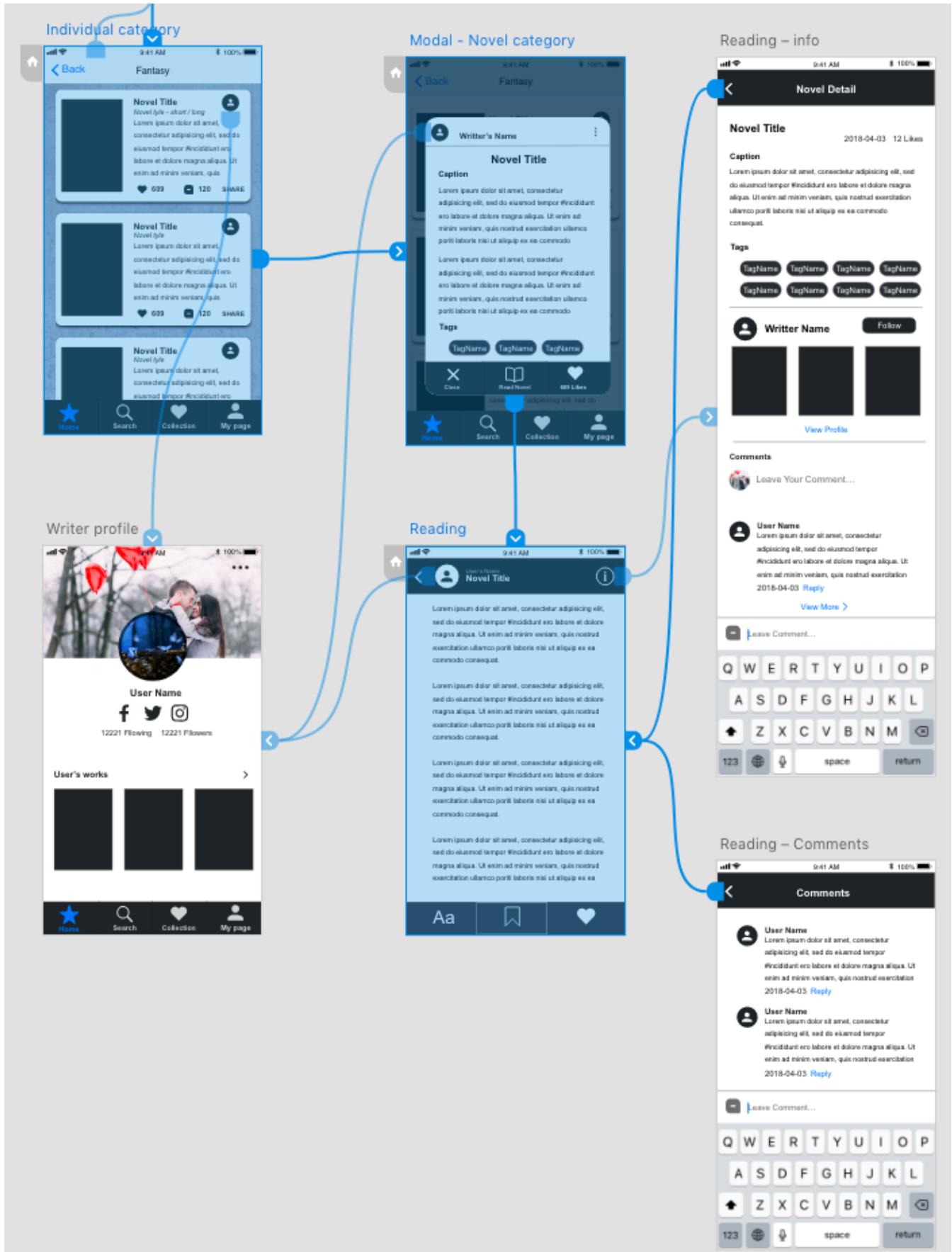
## Storyboard

Storyboard showing how screens are navigated to each other, and they are screen captures from Adobe XD.

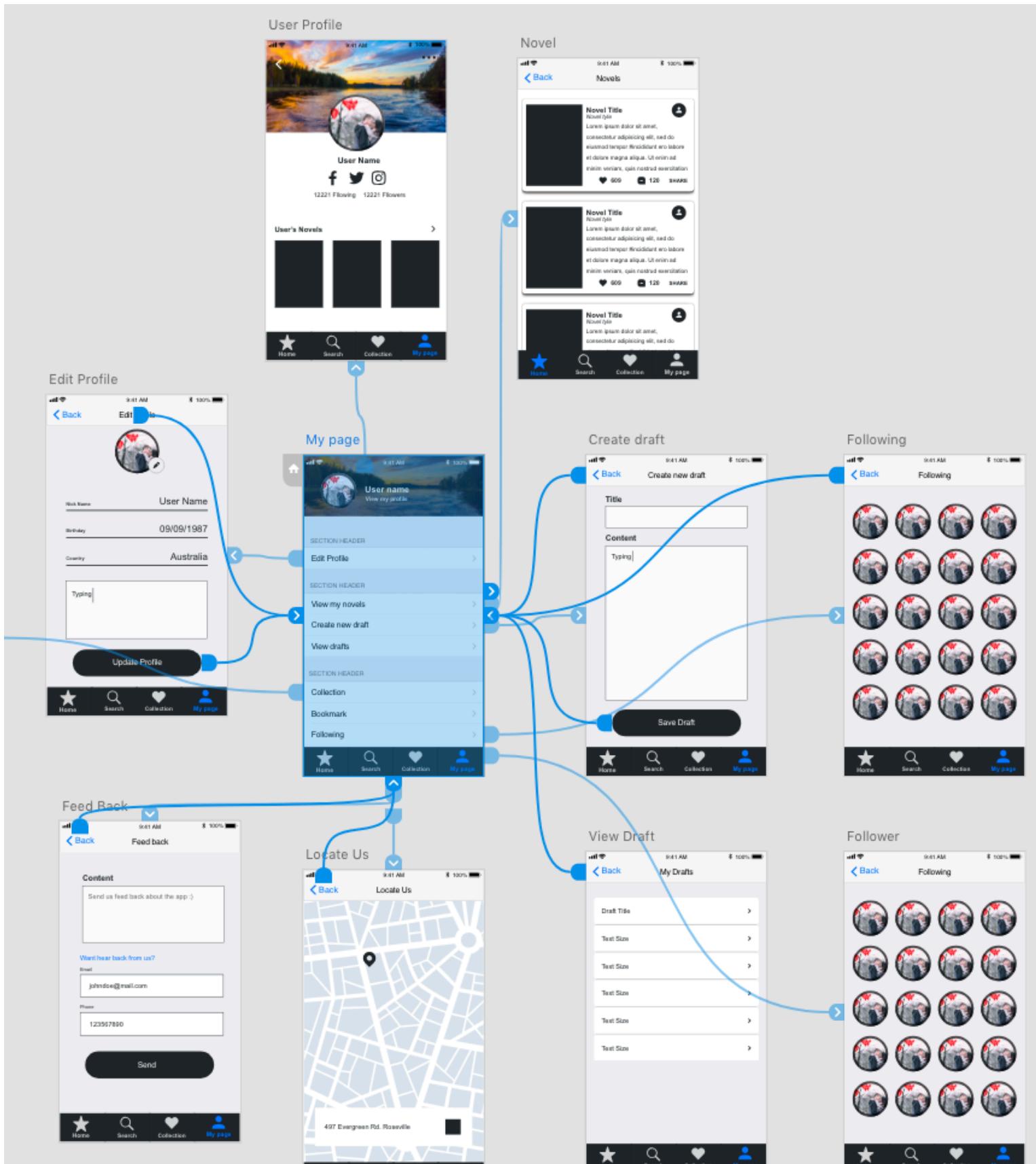
Home page to the login, create account and selected novel category page



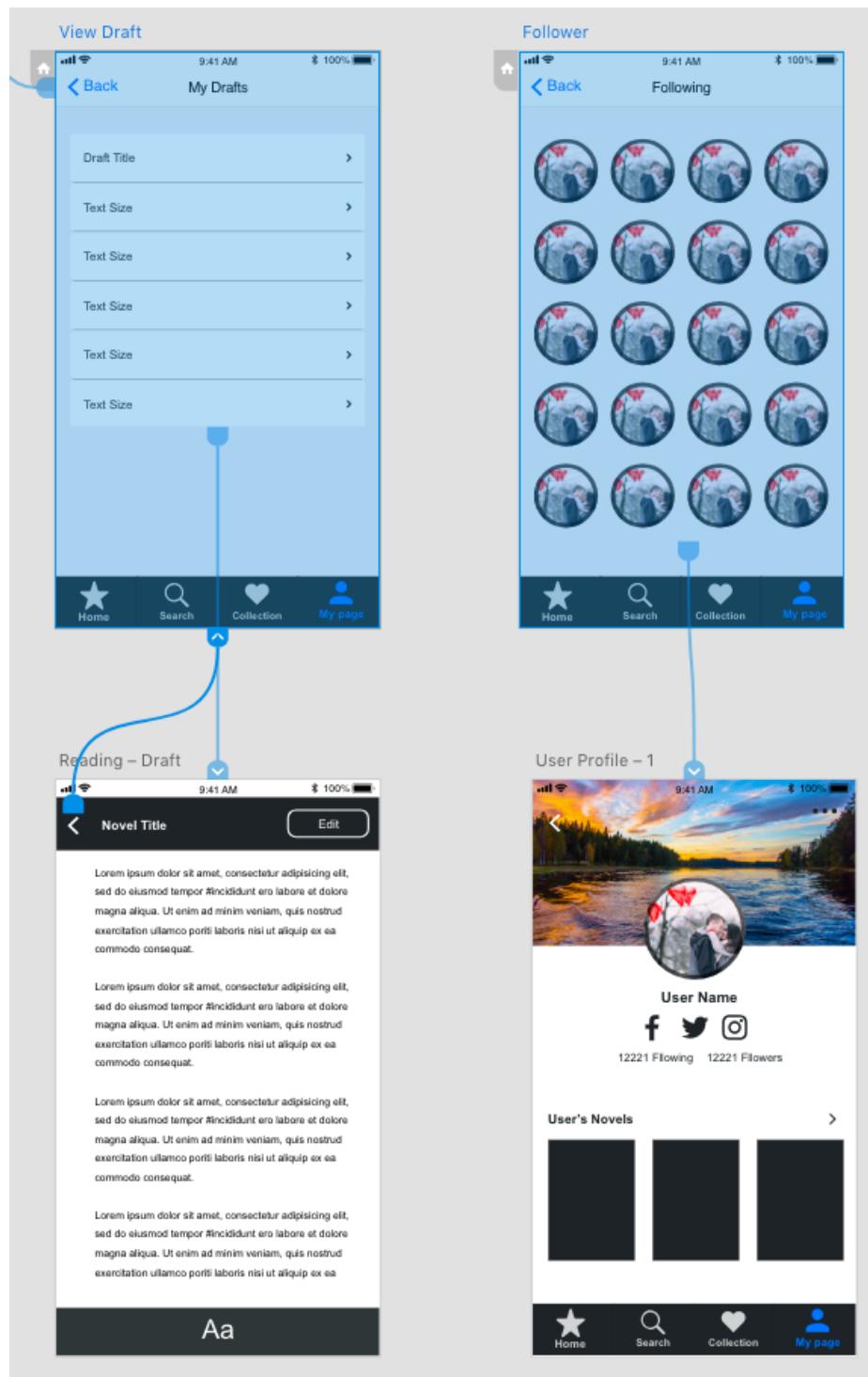
Individual novel category display page to the novel detail, reading novel, comment, and user profile page



## My page list navigate to different pages



View draft page navigate to the reading draft page, and the following/follower page navigate to the user profile page:



## Screen capture

The screen capture is captured with an iOS device.