

System Roles

Role 1 – Client: Christian Jensen

The client's role is to give direction in the design and database implementation by engaging with potential users, accumulating user stories, deciding on necessary requirements, and creation of example data for system testing.

Role 2 – Developer: Jia Sheng Chong, Zhi Choon Ng, Harrison Rankin

The Developer's role is to build the database at a standard set by the client/s. This includes the implementation of the proposed UI using the web-framework Django, testing database functionality, coding (HTML, python), and deciding on other technological components that are necessary to reach the clients goals.

Story ID:
1

Create Accounts

Priority
M

Story
Points: 3

As a potential user, I want to create an account that is tailored to my needs so that I can log in to the website.

Acceptance Criteria

- Have an account type with student permissions
- Have an account type with businessmen permissions
- Have an account type with tourist permissions
- Have an account type with admin permissions
- A button to sign up which redirects users to a sign up page consisting of a form with name, username, and password as the fields.
- The sign up form also contain optional fields such as phone number, email address, and residential address.
- Users entering an invalid email address will be denied registration
- After a user account has been made, user can log in into their accounts

Notes

- An entity relationship diagram should be drawn before the user account database is build.

Story ID:
2

User Login

Priority
M

Story
Points: 2

As a user, I want to be able to log in to the website so that I can have access to the relevant information according to my user type.

Acceptance Criteria

- Users are able to access information that is available to a particular user type (e.g. Student, Tourist, Businessmen, and Admin)
- The admin has access to all the information on the website

Notes

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Story ID:
3

Account Managing

Priority
M

Story
Points: 2

As an Admin, I want to be able to access various users information so that I can access them for password, account retrieval and create or delete an account.

Acceptance Criteria

- Admin can manage registered user accounts.
- Admin can delete user accounts.
- Admin can create other Admin accounts.

Notes

- Django has a built in administration system.

Story ID:
4

Adding Locations

Priority
M

Story
Points: 3

As an Admin, I want to be able to create new locations in the database so that users have up to date information.

Acceptance Criteria

- Admin can create new Locations.
- Admin can specify location type.
- Admin are able to write the description, and the coordinates of the location.

Notes

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Story ID:
5

Update Locations

Priority
M

Story
Points: 1

As an Admin, I want to be able to update the information of a location so that I can push new content up to the system for the users to see.

Acceptance Criteria

- Admin can edit a text box for each of the information fields for a location.
- Admin is able to preview the updated location before publishing it to the website
- Admin can discard the updated changes.

Notes

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Story ID:
6

View City Information

Priority
M

Story
Points: 1

As a user, I want the system to allow me to view the city information page that is tailored to my user account type so that I can easily and quickly find the relevant information I'm looking for.

Acceptance Criteria

- Users are able to see different locations types on the page based on their account type
- User can click on the different locations types to view an overview of the locations under that type

Notes

- Users are able to see a map of the city if a map has been uploaded by an admin.

Story ID:
7

View Location Type Information

Priority
M

Story
Points: 1

As a user, I want to view the location type information so that I can get an overview of the locations of that specific type.

Acceptance Criteria

- Users are able to view all the locations of a location type.
- Users are denied access to a location type page if they do not have permission to read it.

Notes

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Story ID:
8

View Location Information

Priority
M

Story
Points: 1

As a user, I want to view the location information so that I can read a detailed description of that certain location.

Acceptance Criteria

- Users are able to read the description and get the coordinates of a location.
- Users are denied access to a location page if they do not have permission to read it.

Notes

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Story ID:
9

Map Upload

Priority
S

Story
Points: 1

As an admin, I want to be able to upload a map of a city so that users are to find locations more easily.

Acceptance Criteria

- Admin are able to upload a map of the city to the website.
- A error message is displayed when an invalid file format is uploaded.

Notes

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Story ID:
10

Update Profile

Priority
S

Story
Points: 2

As a user, I want to edit my user account so that I can update my current details.

Acceptance Criteria

- Users are able to see fields containing their information such as password, phone number, email address, residential address, name, and username.
- Users are able to change these fields
- Users are able to press a submit button and their details will be changed if their phone number, email address, or username is not changed to one that is already taken by another user.
- Users are able to click a checkbox to hide their email address, phone number, and residential address from appearing on their profile page.
- Users are able to click a radio button to hide their profile page from anyone on the website.

Notes

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Story ID:
11

Location Comparison

Priority
S

Story
Points: 3

As a user, I want to compare different locations of the same type so that I compare which one is to my preference.

Acceptance Criteria

- Users are able to select two locations of the same type and compare the two locations side by side.
- Users are able to deselect a location and select a different location of the same type

Notes

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Story ID:
12

Profile Page

Priority
S

Story
Points: 2

As a user, I want to be able to have a profile page so that I can display information about myself to other users.

Acceptance Criteria

- Users are able view their own profile pages which contains all the information they have given to the system (except password).

Notes

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Story ID:
13

Add City Event

Priority
S

Story
Points: 2

As an admin, I want to add new event so that users are aware of that event.

Acceptance Criteria

- Admin are able to add a city event and give it a name, description, location, start date, and end date.
- Admin are able to add optional information such as start time, end time, and a link to the event's website.

Notes

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Story ID:
14

City Events Page

Priority
S

Story
Points: 1

As a user, I want to be able to view the events that are ongoing in the city so that I can attend these event.

Acceptance Criteria

- Users can access an area of the site called 'Events'.
- Each event contains information about it's time, date, location, and contact details.

Notes

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Story ID:
15

Add Review

Priority
C

Story
Points: 3

As a user I want to be able to leave a review on a location, so that future users can learn from my experience and advice.

Acceptance Criteria

- Users can click on a button labeled 'review', underneath a location, to open a text box so a user can upload a review to the database.
- User accounts can view other user's reviews.

Notes

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Story ID:
16

Add Comment on Review

Priority
C

Story
Points: 2

As a user, I want to be able to comment on reviews so that I can state my opinion about that review.

Acceptance Criteria

- User can click on a 'comment' button located near a review, to open a text box and upload a comment.
- Users accounts can see other user's comments

Notes

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Story ID:
17

Australian Map

Priority
C

Story
Points: 5

As a user, I want to view an overview of the cities in Australia so that I can find information regarding other cities in Australia.

Acceptance Criteria

- Users are able to see an overview of all the cities in Australia.
- Users are able to click on any city and it would direct them to that respective city information page.

Notes

- There'll be a map which contains all the cities and users are able to press on whichever city to view its' city information.

Story ID:
18

Location Sharing

Priority
W

Story
Points: 2

As a user I want to be able to share the locations I visit to social media, so my friends know what I am doing.

Acceptance Criteria

- User can click on relevant social media buttons located underneath each location and a sharing pop up relevant to whichever social media button they clicked will appear.

Notes

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Story ID:
19

Upvote Reviews

Priority
W

Story
Points: 2

As a user, I want to be able to upvote good reviews so that I can thank the user who contributed those reviews.

Acceptance Criteria

- User can press a button and it would add one to the amount of upvotes to the review
- User can see the amount of upvotes a review has received
- User cannot able to re-upvote a location
- Users can press the upvote button again and it will take away their upvote from the review

Notes

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Story ID:
20

User Avatar

Priority
W

Story
Points: 4

As a user, I want to be able to create an avatar so that I can make my account more personalized.

Acceptance Criteria

- User can create an avatar and display it on their profile page
- User can discard their avatar
- User can hide their avatar from their profile page

Notes

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Story ID:
21

SQL Database Refactor

Priority
M

Story
Points: 3

As a developer, I want to be able to retrieve database data using SQL so that I can easily retrieve data.

Acceptance Criteria

- Developers can query for cities using SQL
- Developers can query for locations using SQL

Notes

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Story ID:
22

University Departments

Priority
M

Story
Points: 1

As a student, I want to be able to view the university departments so that I know which departments exists within the university.

Acceptance Criteria

- Students are able to see a list of departments that exists within the university on the university page.

Notes

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Story ID:
23

Temporary access

Priority
M

Story
Points: 3

As a user, I want to be able to access information not accessible to my user type so that I can find information regarding those information when needed.

Acceptance Criteria

- Users are able to click a button on the navigation bar that allows them to have access to all pages on the website
- Users who are logged out are stripped of the privilege
- Users logged out and logged back in have to press the button again to have access to all pages

Notes

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