System Roles

Role Types

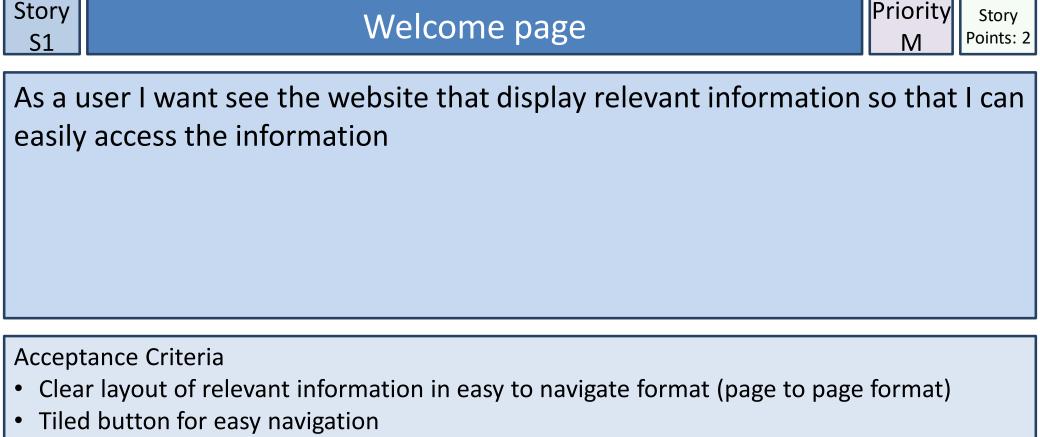
- 1. Admin An administrator of the Smart City system
- 2. Users A standard user of the Smart City system which are Businessmen Tourist, Student

Story Card Categories:

O – Optional Features

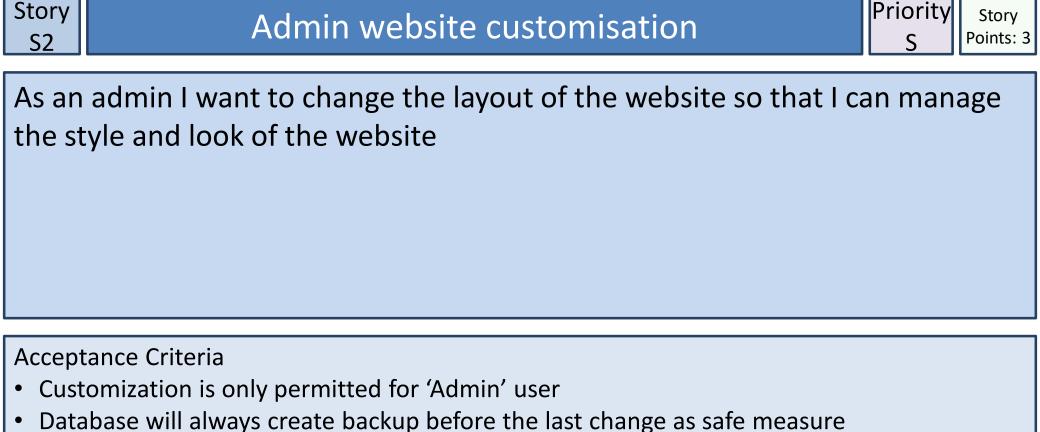
S – System Architecture

U – User End

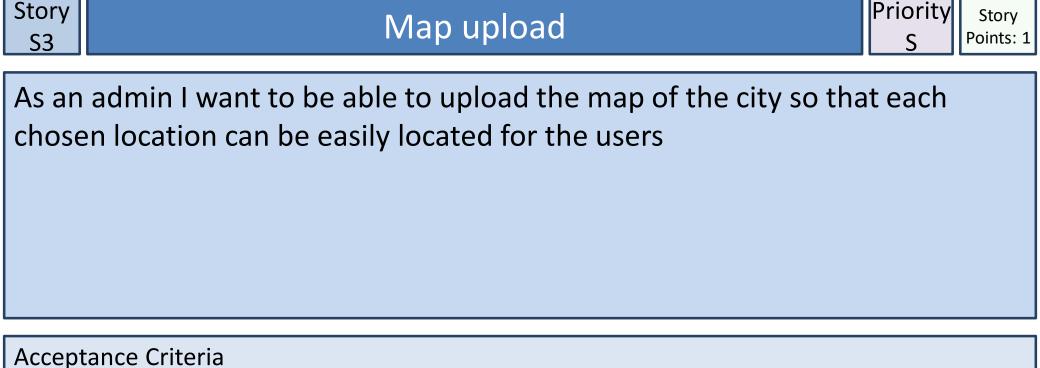


- Aesthetically pleasing
- Intuitive and easy to navigate webpage

Clear links for create account and login function



- Notes
- •



Only administrator can upload the map

Pinpoint individual or multiple locations based on the category chosen

- Notes
- Working implement of Google map API



Detailed city information

Priority M

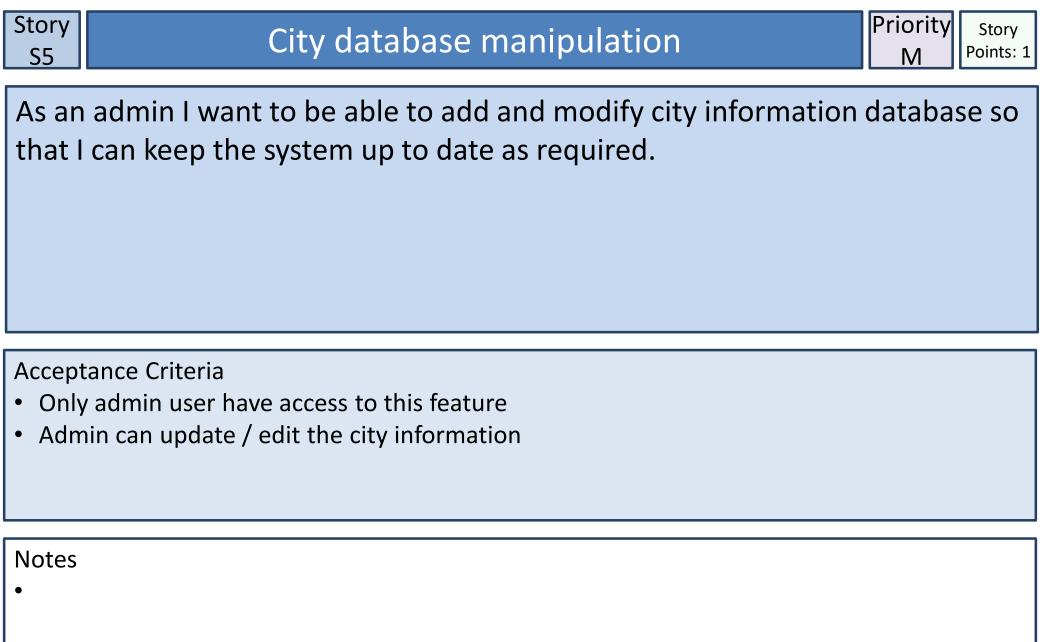
Story Points: 3

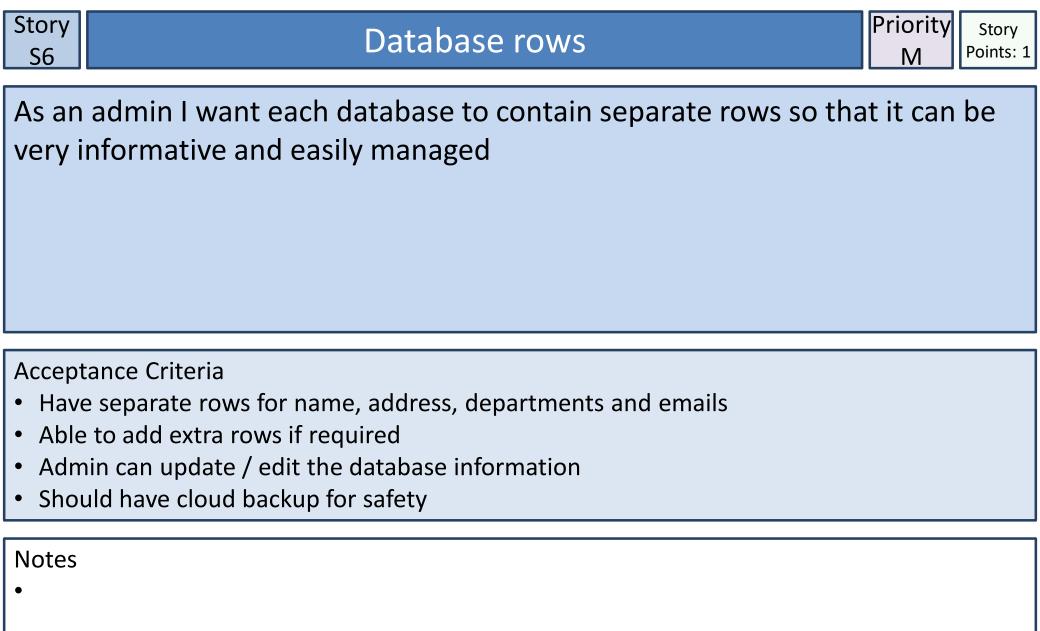
As a user I want to see more detail information of the specific place so that I can get more details about the place

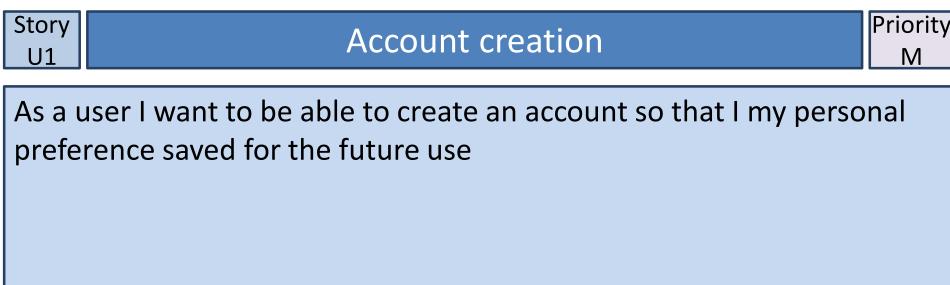
- Acceptance Criteria
- Detailed information is provide on the new page
- Information includes Place name, location, contact details (phone number, email etc.),
 operation hours etc.
- Should be updated regularly by the Admin

Notes

Information of the places is referred to colleges, hotels, libraries, industries and city information.







Story

Points: 3

Acceptance Criteria

- New account creation should have name, valid email, user id and password
- Account creation should hold additional information like account type, mobile number and
- urrent address
 User will be prompt invalid details for every non-accepted entry.

- Password Encryption
- Easy account setup process
- Validation
- Designate certain information based on user types



Priority

Story Points: 3

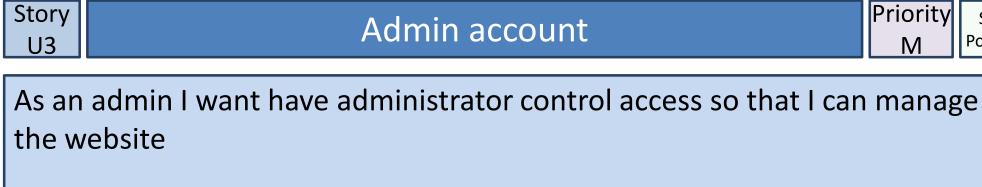
As a user I want to be able to select user type so that webpage displayed based on the things that interest me.

Acceptance Criteria

- Account user type that relates to "Student, Business and Tourist"
- User must select one user type when signing up
- Relevant personalised information is shown based on the selected user type

Notes

Account details will be stored in the MySQL database



Priority

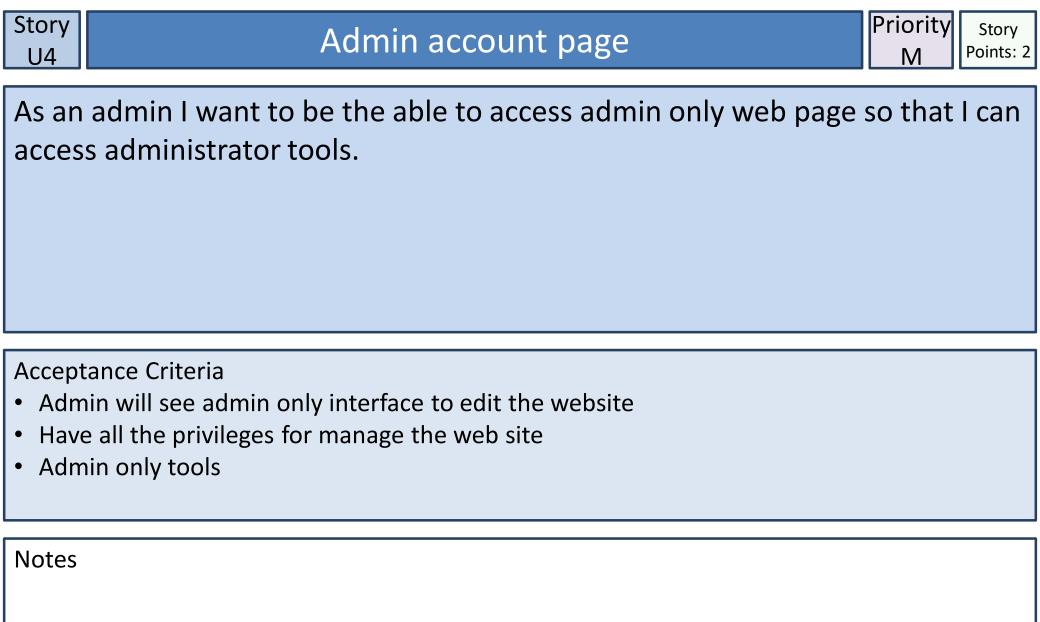
Story Points: 3

Acceptance Criteria

- Admin can update and delete information
- Have unique link to login as admin (must be different from normal user login page)
- Only admin can create another Admin user if required

Notes

Susan is the original admin



Story U5

User management

Priority

Story Points: 2

As an admin I want to be able to add, delete and edit user accounts so that I can moderate who can access the contents of the site and give access privileges

Acceptance Criteria

- Able to view all the registration details of the users
- Only admin have permission
- Admin can add, delete, update or ban users

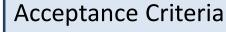
- SQL database is updated immediately if there is any changes
- Users will be notified by email



Priority M

Story Points: 4

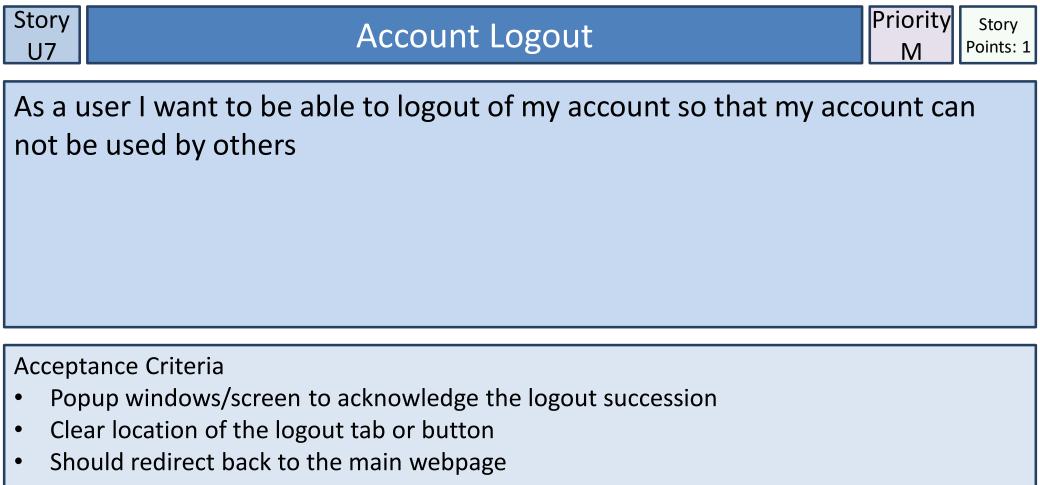
As a user I want to be able to login to my account so that I can view my personalised city information



- Have different personalised views for type of the user
 Admin Unique page for management of the website
 - Admin Unique page for management of the website Businessman industries, hotels and chosen city information
 - Student colleges, libraries and chosen city information Tourist events, hotel and chosen city information
- Login with user id and password
- Clear location of the login tab or button

Notes

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- Notes



- Have CAPTCHA to avoid bruit force attack
- Typing password on screen is masked to asterisks.





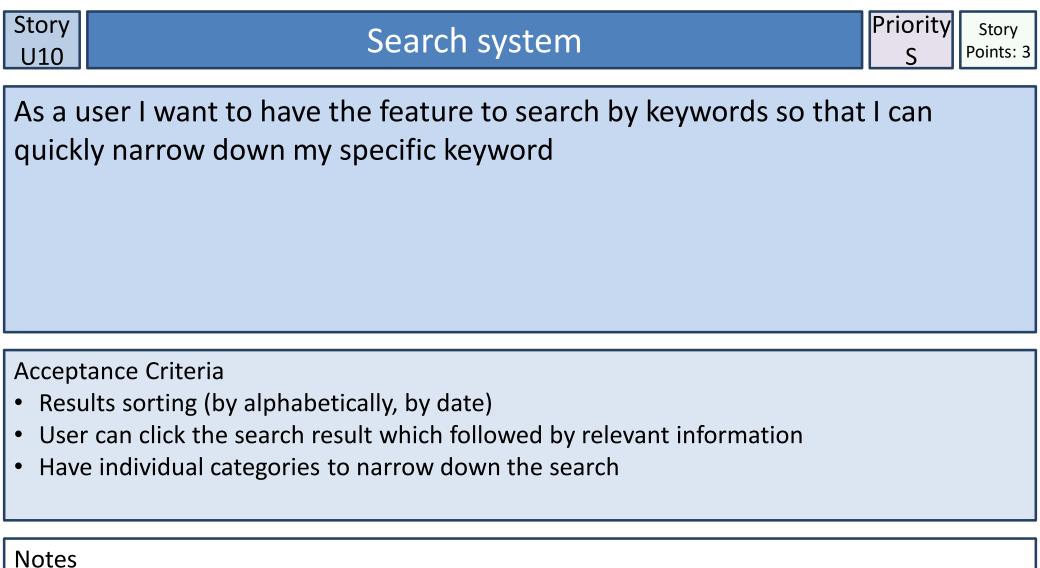
Story Points: 4

As a user I want to be able to recover my account details so that I can retrieve my account when in case I forget the details.

Acceptance Criteria

- Account recover details are sent to users valid email
- Have "Forgot username or password" feature on login screen
- User will be asked to change their password after using temporary password

- Temporary password will be sent to valid email address
- Temporary password will be updated to the account database





City information database

Priority M

Story Points: 1

As an admin I want to have a separate database containing only the city information so relevant city information is shown to all user types.

Acceptance Criteria

libraries and hotels)
City information database consist of parks, zoos, museums, malls, restaurants and city ma

• City information database must be separate from other databases (colleges, industries,

• City information database consist of parks, zoos, museums, malls, restaurants and city map



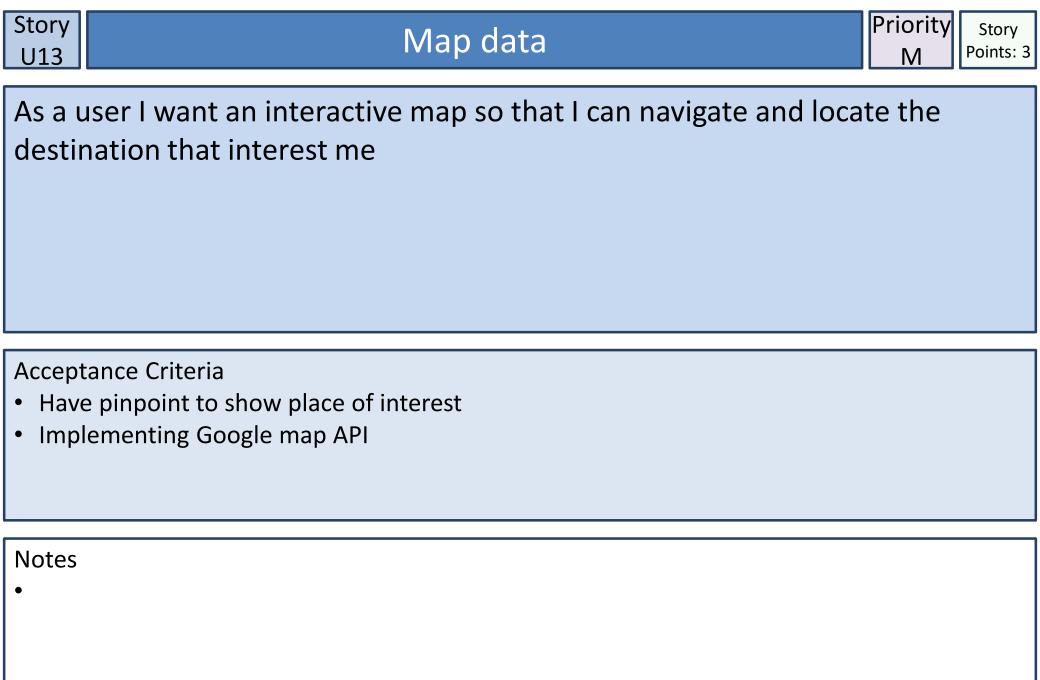


Story Points: 1

As an admin I want to have each separate databases for specific industries so that the appropriate information is provide to the relevant user types.

Acceptance Criteria

Have unique database for colleges, industries, libraries and hotels.



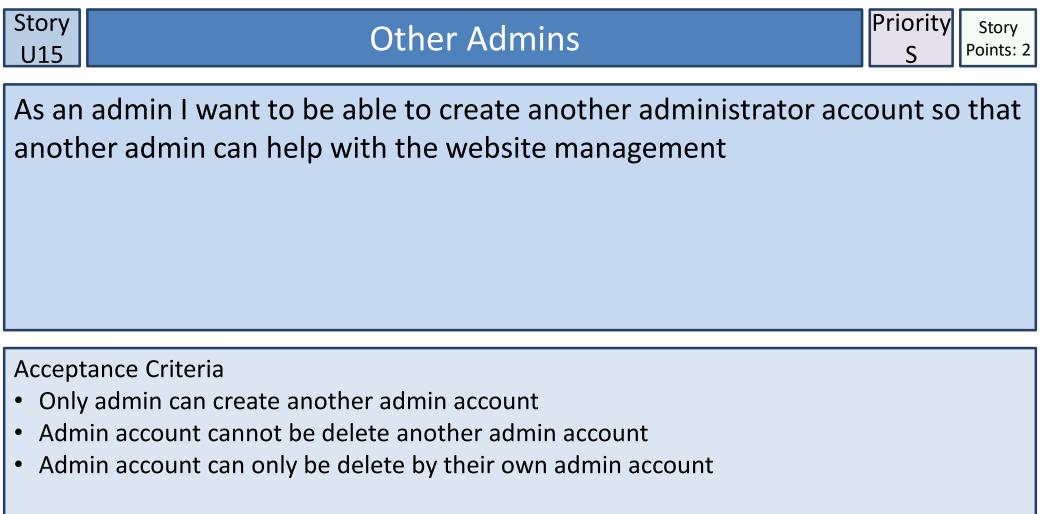
Priority

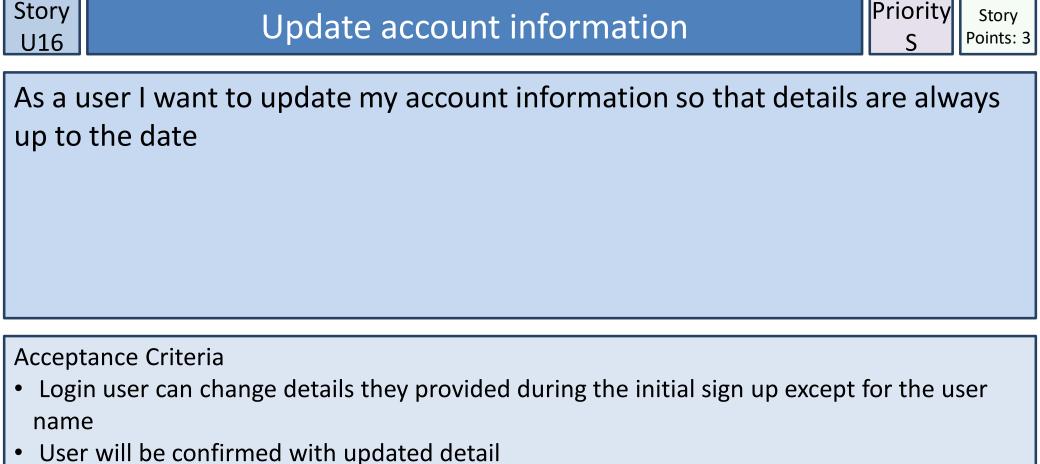
Story Points: 2

As a user I want to be able to choose user type so that I can quickly view the relevant information that is important for me

Acceptance Criteria

- Have three set of user types Business, Student and Tourist account
- All users must be able to view city information data
- View information based selected on users types
 - Business user must be able to view industry and hotel data
 - Student user must be able to view college and library data
 - Tourist user must be able to view hotels data





New changed information will be updated to the database

- Notes
- Note

City information



Story Points: 2

As a user I want to see the city information so that I can view the places that interests me through out the city

Acceptance Criteria

- City information is displayed on the main page regardless of user type
- Sub information tab or tile will be shown so it is easily found (consist of parks, zoos, museums, malls, restaurants and city map
- City information must consists of
 - Parks: park name, address, phone and email address
 - Zoos: zoo name, address, phone and email address
 - Museums: museum name, address, phone and email address
 - Restaurants: restaurant name, address, phone and email address
 - Malls: mall name, address, phone and email address

Story U18

Industries information

Priority M

Story Points: 2

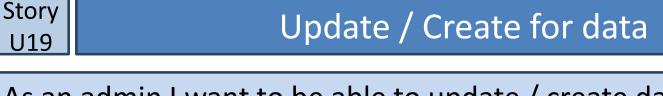
As a user I want to view the detailed information of the industries around the city so that I can gain further information

Acceptance Criteria

- Informative details of for colleges, industries, libraries and hotels.
- Each industries must consists of
 - Colleges: college name, address, departments and email address
 - Libraries: library name, address, phone number and email address
 - Industries: industry name, address, industry type and email address
 - Hotels: hotel name, address, phone and email address

Notes

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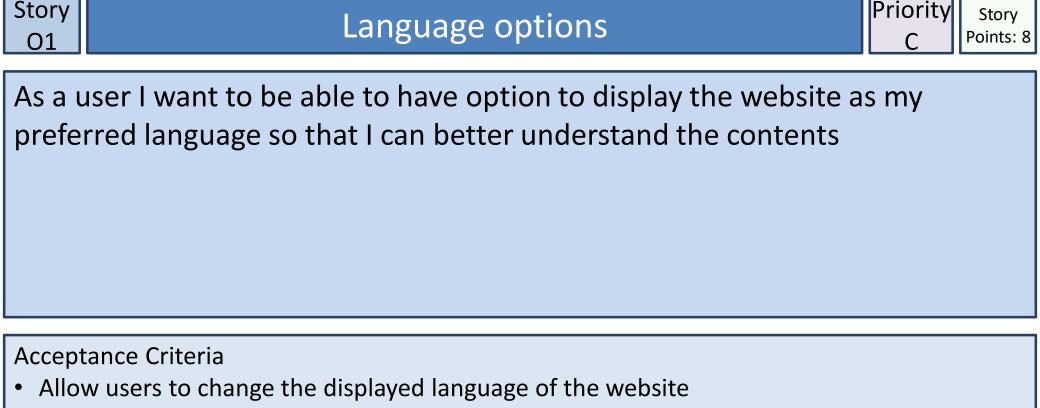


Priority S

Story Points: 1

As an admin I want to be able to update / create data for current database so that I can keep the information up to date

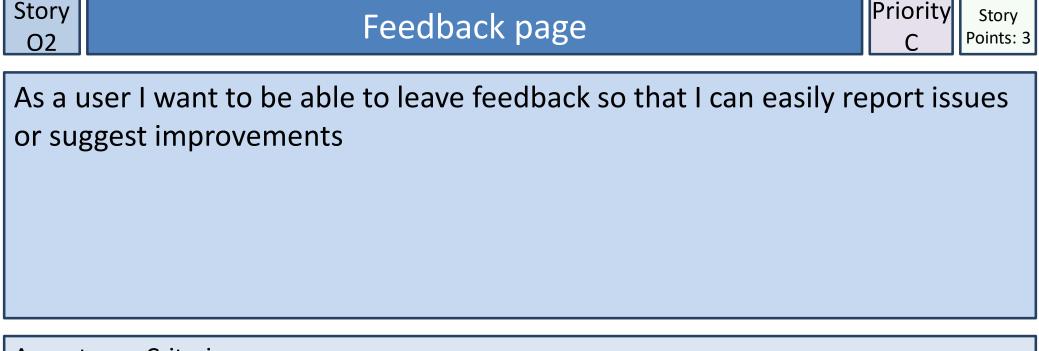
- Acceptance Criteria
- New changed information will be updated to the MySQL database
- Only admin have the right
- Confirmation for changes to the database



Have majority used language (English, French, Spanish, Mandarin, Korean)

Most of the contents are translated if possible

Translation must be correctly done based on the language

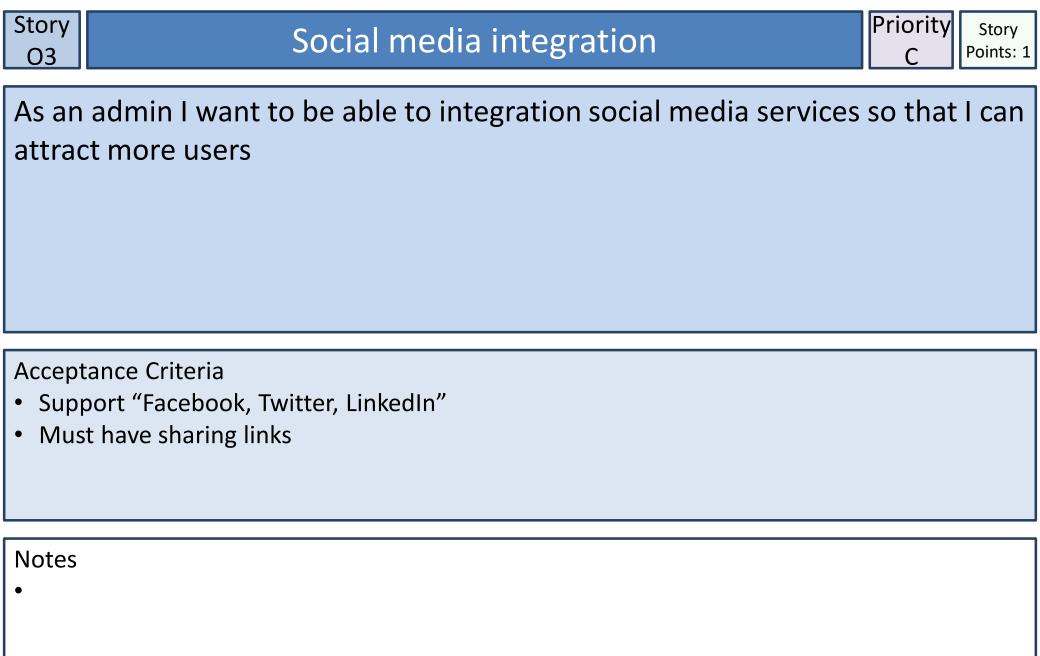


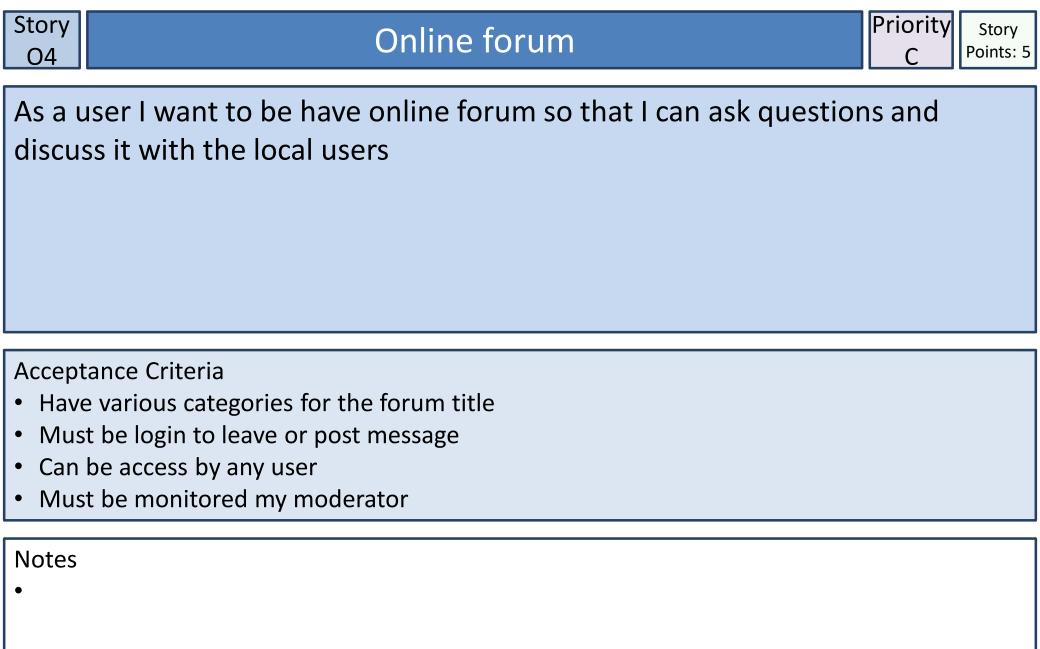
Acceptance Criteria

- Separate page or popup windows with feedback textbox
- Captcha to prevent brute force
- Only login user can send feedback

Notes

Confirm that the feedback has been sent









Story Points: 5

As an admin I want to be able to add more information of the new available city services so the users will have much more vast experience

Acceptance Criteria

 Ensure scalability to add variety of city services such as city bus services, metro rail, government offices, courier services, travel services, education services, health services, business services etc.

