

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

Story
S1

Welcome page

Priority
M

Story
Points: 2

As a user I want see the website that display relevant information so that I can easily access the information

Acceptance Criteria

- Clear layout of relevant information in easy to navigate format (page to page format)
- Tiled button for easy navigation
- Clear links for create account and login function

Notes

- Aesthetically pleasing
- Intuitive and easy to navigate webpage

Story
S2

Admin website customisation

Priority
S

Story
Points: 3

As an admin I want to change the layout of the website so that I can manage the style and look of the website

Acceptance Criteria

- Customization is only permitted for 'Admin' user
- Database will always create backup before the last change as safe measure

Notes

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Story
S3

Map upload

Priority
S

Story
Points: 1

As an admin I want to be able to upload the map of the city so that each chosen location can be easily located for the users

Acceptance Criteria

- Only administrator can upload the map
- Pinpoint individual or multiple locations based on the category chosen

Notes

- Working implement of Google map API

Story
S4

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
S5

City database manipulation

Priority
M

Story
Points: 1

As an admin I want to be able to add and modify city information database so that I can keep the system up to date as required.

Acceptance Criteria

- Only admin user have access to this feature
- Admin can update / edit the city information

Notes

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Story
S6

Database rows

Priority
M

Story
Points: 1

As an admin I want each database to contain separate rows so that it can be very informative and easily managed

Acceptance Criteria

- Have separate rows for name, address, departments and emails
- Able to add extra rows if required
- Admin can update / edit the database information
- Should have cloud backup for safety

Notes

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Story
U1

Account creation

Priority
M

Story
Points: 3

As a user I want to be able to create an account so that I my personal preference saved for the future use

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 current address
- User will be prompt invalid details for every non-accepted entry.

Notes

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

Story
U2

Account type

Priority
S

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

Story U3	Admin account	Priority M	Story Points: 3
As an admin I want have administrator control access so that I can manage the website			
Acceptance Criteria <ul style="list-style-type: none">Admin can update and delete informationHave unique link to login as admin (must be different from normal user login page)Only admin can create another Admin user if required			
Notes <ul style="list-style-type: none">Susan is the original admin			

Story
U4

Admin account page

Priority
M

Story
Points: 2

As an admin I want to be the able to access admin only web page so that I can access administrator tools.

Acceptance Criteria

- Admin will see admin only interface to edit the website
- Have all the privileges for manage the web site
- Admin only tools

Notes

Story
U5

User management

Priority
C

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

Notes

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

Story
U6

Account Login

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

Acceptance Criteria

- Have different personalised views for type of the user
 - 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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Story U7	Account Logout	Priority M	Story Points: 1
As a user I want to be able to logout of my account so that my account can not be used by others			
<div>Acceptance Criteria</div> <ul style="list-style-type: none">• Popup windows/screen to acknowledge the logout succession• Clear location of the logout tab or button• Should redirect back to the main webpage			
<div>Notes</div> <ul style="list-style-type: none">• 			

Story
U8

Account security

Priority
C

Story
Points: 2

As a user I want to have security for my account so that my personal details are kept confidentially.

Acceptance Criteria

- Password must be encrypted
- Have CAPTCHA to avoid brute force attack
- Typing password on screen is masked to asterisks.

Notes

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Story
U9

Account recovery

Priority
C

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

Notes

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

Story
U10

Search system

Priority
S

Story
Points: 3

As a user I want to have the feature to search by keywords so that I can quickly narrow down my specific keyword

Acceptance Criteria

- Results sorting (by alphabetically, by date)
- User can click the search result which followed by relevant information
- Have individual categories to narrow down the search

Notes

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Story
U11

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

- City information database must be separate from other databases (colleges, industries, libraries and hotels)
- City information database consist of parks, zoos, museums, malls, restaurants and city map

Notes

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Story
U12

Database segmentation

Priority
M

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.

Notes

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Story U13	Map data	Priority M	Story Points: 3
As a user I want an interactive map so that I can navigate and locate the destination that interest me			
Acceptance Criteria <ul style="list-style-type: none">• Have pinpoint to show place of interest• Implementing Google map API			
Notes <ul style="list-style-type: none">•			

Story
U14

Change user type

Priority
S

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

Notes

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Story
U15

Other Admins

Priority
S

Story
Points: 2

As an admin I want to be able to create another administrator account so that another admin can help with the website management

Acceptance Criteria

- Only admin can create another admin account
- Admin account cannot be delete another admin account
- Admin account can only be delete by their own admin account

Notes

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Story
U16

Update account information

Priority
S

Story
Points: 3

As a user I want to update my account information so that details are always up to the date

Acceptance Criteria

- Login user can change details they provided during the initial sign up except for the user name
- User will be confirmed with updated detail
- New changed information will be updated to the database

Notes

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Story
U17

City information

Priority
M

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

Notes

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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Story
U19

Update / Create for data

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

Notes

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Story
01

Language options

Priority
C

Story
Points: 8

As a user I want to be able to have option to display the website as my preferred language so that I can better understand the contents

Acceptance Criteria

- Allow users to change the displayed language of the website
- Most of the contents are translated if possible
- Translation must be correctly done based on the language

Notes

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

Story
02

Feedback page

Priority
C

Story
Points: 3

As a user I want to be able to leave feedback so that I can easily report issues or suggest improvements

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
03

Social media integration

Priority
C

Story
Points: 1

As an admin I want to be able to integration social media services so that I can attract more users

Acceptance Criteria

- Support “Facebook, Twitter, LinkedIn”
- Must have sharing links

Notes

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Story
04

Online forum

Priority
C

Story
Points: 5

As a user I want to be have online forum so that I can ask questions and discuss it with the local users

Acceptance Criteria

- Have various categories for the forum title
- Must be login to leave or post message
- Can be access by any user
- Must be monitored my moderator

Notes

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Story O5	Different cities	Priority C	Story Points: 5
As a user I want to be able to see other Australian cities information so that I can use the website if I move out from Brisbane			
<div>Acceptance Criteria</div> <ul style="list-style-type: none">• Provide similar information of other Australian cities like Adelaide, Perth, Canberra, Hobart, Darwin etc.• Have tab to change current cities			
<div>Notes</div> <ul style="list-style-type: none">• 			

Story
06

More city information

Priority
C

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.

Notes

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Story
07

Mobile application

Priority
C

Story
Points: 8

As a user I want to have mobile application of the website so that I can easily use it on my mobile device

Acceptance Criteria

- Must have mobile application for Android and iOS
- Must be touch interactive
- Must have same feature but in mobile friendly layout

Notes

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Story
08

Rating system

Priority
C

Story
Points: 4

As a user I want to be able to rate a particular location so that I can inform other users about my experience

Acceptance Criteria

- Must have a 5 star rating system
- User can only rate once for particular location (can not rate it more than once)
- Only login user can rate
- Rating will be shown as average percentage

Notes

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Story
09

Calendar system

Priority
C

Story
Points: 3

As a user I want to be able to add notes to the calendar so that I can plan ahead

Acceptance Criteria

- Calendar can be synced automatically to google or apple calendar
- Will be displayed on users personalised page
- Have function to delete or edit

Notes

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Story
O10

Favorite feature

Priority
C

Story
Points: 3

As a user I want to be able to save my favourite information from the website so that I can quickly access them later

Acceptance Criteria

- Able to add / delete information page to personal favorite my clicking star icon
- Accessible from my favorite tab

Notes

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