**Smart City   
Team Phoenix - 63**

Release 1, Sprint 1

User Acceptance Testing (UAT) document

Story 05: Welcome Page

**TC-001**

The welcome page should be fully functional in order to provide all the services to the user.

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| **Steps to execute** | **Expected Outcome** | **Actual Outcome** |
| Smart City URL is entered into web browser address bar | The welcome page which introduces the site services should display | Welcome page is displayed |
| Create new account by clicking on ‘Create account’ registration link | The ‘account registration’ page should appear, with various inputs and a submit button | Upon clicking registration button, the registration form appears with submit button. |
| Select ‘user type’ from dropdown menu during account registration | The user should have the ability to select user type (student, tourist, business man) | All user types are selectable on the dropdown menu |
| Log in to existing account by clicking on ‘Log in’ link | The ‘login’ page should appear, with input fields for ‘username’ and ‘password’, and a submit button | Taken to login page, where prompted to login into system |
| Log in using a standard account type (tourist, student business man) by entering a username and password. | The ‘User’ page is displayed, with all relevant information being shown. | Brought to user page, however all information is displayed rather than just the relevant info |
| Log out of existing account by clicking on ‘Log out’ link | The ‘user page’ should redirect the user back to the main page, with a notification saying that the user has signed out | Log out button not present on screen |

Story 06: Admin Setup

**TC-002**

The admin page should be fully functional to allow administrators modify Smart City as required. Usually a special URL is given to only admins for login process, but sometimes other users may obtain this URL. As such it must tested that only ‘admin’ user types can access this page

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| **Steps to execute** | **Expected Outcome** | **Actual Outcome** |
| From the welcome page, make sure no account is currently signed in. | The welcome page is displayed. | Welcome page is shown. |
| Enter the address for ‘admin’ login in the URL bar | The ‘admin’ login page should be displayed. | Taken to the admin login page |
| Log in using a ‘regular’ account type user (such as tourist, student, and business man) into the ‘admin’ login form. | The user should be denied access into the system, alongside with a message warning. | Login denied, prompted to login with a admin account instead. |
| Sign back in and repeat using the two remaining account types. | Again, the ‘admin’ page should not be accessible, with a message warning. | Login denied on all accounts. |
| Sign back in using an ‘admin’ account type in the login form. | ‘Admin’ user page should be displayed, alongside with administrator tools, graphical user interface tools and ‘admin’ account creation links. | Taken to the admin page where admin tools are available for use. |

Story 12: Account Information

**TC-003**

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| **Steps to execute** | **Expected Outcome** | **Actual Outcome** |
| From the welcome screen click on the ‘Login’ link, and login using a regular account type (tourist, student, business man). | The ‘User’ page should be displayed. | Login works for all user types |
| Scroll down and preview the type of information presented. | The generic city information (Park, zoo, museum, restaurant and mall data) should be displayed. | Generic city information displayed. |
| Click on each type of generic city information (park, zoo, museum, restaurant, and mall) | The generic city information should be displayed in greater detail, with text and images. | Taken to the map function with this parameter being searched for |
| Click back, and then scroll down further to preview the specific type of information presented. | The information displayed should only be specific to the user account type (e.g. business man can view hotels and industries). | Instead of specific info being displayed shows all information. |
| Click on each type of specific information (depending on user type) | The specific information should be displayed in greater detail, with text and images. | Taken to map feature searching for whatever info is selected. |
| Log out, and log back in using a different account type. Repeat process. | All the generic city information should be displayed for all accounts. Specific information displayed should be based on account type. | All account types have this issue of showing all info rather than specific info |

Story 13: Map data

**TC-004**

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| **Steps to execute** | **Expected Outcome** | **Actual Outcome** |
| From the welcome page, click on the ‘login’ button and login using any account type. | The ‘User’ page for that account is displayed. | Logs in normally |
| From the user page, click on the ‘Maps’ button. | The ‘Maps’ page is displayed, alongside a Google Maps API and data points for the specific user type. Page should not display tools to edit map data. | Page scrolls down to the map feature, can move map but no points are shown. Also cannot edit anything on map. |
| Click on one of the data points for any location within the city. | The information regarding the clicked on data point is displayed. | No data points are present on default |
| Log back out, and log in again using a different user account type. Repeat the process for the remaining user types. | The ‘Maps’ page is accessible by all users, and the relevant data points are displayed for each user type. | All users can see this map when logged in but no data points are present |

Story 9: Data manipulation

**TC-005**

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| **Steps to execute** | **Expected Outcome** | **Actual Outcome** |
| From the Welcome page, log in via ‘Admin login’ page using an admin user account. | The ‘Admin’ user page is displayed | Admin logs in |
| Click on the ‘Maps’ button | The ‘Maps’ page is displayed, with a Google Maps API and relevant data points. | No map feature is present currently |
| Click on ‘edit map data’ button. | Relevant administrator tools for modifying and add map city data is displayed as an overlay | No map feature is present currently |
| Click on ‘add map data’ button | Admin tool for adding map data is displayed and functional. | No map feature is present currently |
| Click on ‘edit map data’ button | Admin tool for modifying map data is displayed and functional. | No map feature is present currently |

Story 2: Account registration

**TC-006**

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| **Steps to execute** | **Expected Outcome** | **Actual Outcome** |
| From the Welcome page, click on ‘Create account’ link | The ‘Registration page’ is displayed. | Taken to registration page |
| Click on radio buttons, buttons and drop down menus | The features are working as required. | All buttons work properly |
| Do not enter any value in the required input text fields, and then click on ‘Submit’ | A message warning is displayed clearly, indicating that not all required fields are completed. | Told which required fields are not completed |
| Enter valid values in all input text fields, and then click on ‘Submit’ | The ‘User’ page is displayed, with a welcome message pop-up | User is welcomed to the page and taken to the log in page |
| Do not enter any value in the optional input text fields, enter required fields, and then click on ‘Submit’ | The ‘User’ page is displayed, with a welcome message pop-up | User is welcomed and taken to the log in screen |
| Enter valid data in optional fields and required fields, and then click on ‘Submit’ | The ‘User’ page is displayed, with a welcome message pop-up | User is welcomed and taken to log in screen. |
| Enter an invalid email (such as incorrect format or non-unique), and then click on ‘Submit’ | A message warning is displayed, indicating to ‘Check the email text field is correct’ | Account is not created and told to check field with error |
| Enter an already existing username, and then click on ‘Submit’ | A message warning is displayed, signalling ‘Username is already taken’ | Account is not made, told that username is already taken. |