|  |  |
| --- | --- |
| General Information | |
| Use Case Number : P-000  Use Case Name : User Registration  Subject Area : Profile  Description : User wants to register an account | Responsible Analyst : Alex Carlson |

|  |  |
| --- | --- |
| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 1A | The website shall provide a registration page |

|  |  |  |
| --- | --- | --- |
| Revision History | | |
| Author | **Date** | **Comments** |
| Alex Carlson | 10/21/2015 | First Draft |

|  |  |  |
| --- | --- | --- |
| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |

|  |  |  |
| --- | --- | --- |
| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| Anonymous User | Person | A visiting user that is not yet registered/logged in |

|  |  |
| --- | --- |
| **Pre-Conditions** | |
| # | Description |
| 1 | The user must be logged out |
|  |  |
|  |  |

|  |
| --- |
| **Start Stimulus** |
| User clicks “Register” button |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | System prompts user to enter username |  |  |
| 2 | User enters username |  |  |
| 3 | System checks validity of username |  | 10 |
| 4 | System prompts user to enter password & confirmation password |  |  |
| 5 | User enters password & confirmation password |  |  |
| 6 | System checks validity of password |  | 11 |
| 7 | System displays successful registration page |  |  |
| 8 | System displays login page |  |  |

|  |  |  |
| --- | --- | --- |
| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| User enters invalid username | System notifies user of invalid entry and re-prompts for entry |  |
| User enters invalid password | System notifies user of invalid entry and re-prompts for entry |  |

|  |  |
| --- | --- |
| Post-Conditions | |
| **#** | **Description** |
| 1 | User is registered |

|  |  |  |
| --- | --- | --- |
| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| User | Stores the login information for the system | Username, password, email |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
|  | N/A |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
|  | N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| N/A |  |  |

|  |
| --- |
| Frequency of Execution |
| **Frequency:**  Minimum: 1 Maximum: 100 Average: 10 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | Between | 2,3 | Seconds | 0.1 | 0.3 | 2 |  |
| 2 | Between | 5,6 | Seconds | 0.1 | 0.3 | 2 | Will complete registration if user leaves before step 6, given the input was valid. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
|  | 2 | Kbytes | 1 | 1 | 1 | Username data |
|  | 5 | Kbytes | 1 | 1 | 1 | Password data |