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| **Use Case – *Visit Homepage*** | |
| Actors | User |
| Description | Upon navigating to the web application, the user is met with the homepage. Additionally, the user may wish to visit the homepage while on another page. A user’s account information is transferred with them upon navigating to different pages. |
| Data | User’s account information (if they are a registered user) |
| Stimulus | Command issued by the user |
| Response | The homepage is displayed to the user |
| Comments | From the homepage, the user is able to navigate to the following pages as shown in the next use case descriptions |

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| **Use Case – *Register Profile*** | |
| Actors | User |
| Description | An unregistered user visits this page to register using an email, username, and a password. |
| Data | User’s account information (only if they successfully create an account) |
| Stimulus | Command issued by user |
| Response | Account is created and User has account information (if user successfully creates account). Confirmation that account is created |
| Comments | Only an unregistered user may view the register profile page and create a profile. If an existing user wishes, they may log out then view this page to create a new account |

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| **Use Case – *View Locations*** | |
| Actors | User |
| Description | The user is able to view trail locations within a varying radius around them. Both unregistered and registered users are able to view trail locations and from here, the user can view reviews and pictures of the location |
| Data | User’s account information (registered user), trail location information (weather, pictures, reviews) |
| Stimulus | Command issued by user |
| Response | Location page is displayed to the user and user can browse various locations |
| Comments | Both unregistered and registered users are able to view the locations page. |

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| **Use Case – *Sign Into Profile*** | |
| Actors | User |
| Description | From this page a user is able to attempt to login to an existing account. Display messages are present for if the user’s account exists and if it does not. |
| Data | User account information |
| Stimulus | Command issued by user |
| Response | Login page is presented and upon entering credentials either a login success or login failure, depending on if the account exists in the accounts database |
| Comments | From this page, a user is able to reset their password if their account exists and unregistered users can go to a register account page |

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| **Use Case – *Add Locations*** | |
| Actors | User |
| Description | This page is only available to registered users. New locations are able to be added by a registered user using their location, a set of coordinates, etc. |
| Data | User account information, location data (coords.) |
| Stimulus | Command issued by user |
| Response | If the user completes all required fields, a new location is added to the location database and is able to viewed in the *View Locations* page along with a confirmation being provided to the user |
| Comments | Security checks need to be in place to prevent unregistered users from added a location to the database. |

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| **Use Case – *Add Reviews/Images*** | |
| Actors | User |
| Description | Only registered users are able to add reviews and images to a location. These images and reviews are then made available on the *View Locations* page |
| Data | User account information, location information, image information, review information |
| Stimulus | Command issued by user |
| Response | If the review and/or image being added by the user is valid, then the review and/or image is now able to be view with the corresponding location in the *View Locations* page and a confirmation is provided to the user. |
| Comments | Security checks need to be in place to prevent unregistered users from adding a review and/or image to a location |