**6.4 Discussion: Functional vs. Non-functional Requirements**

**Scenario 2:** Off the beaten track app: This app would be used by travelers to find little-known attractions all over the United States. Users could find an attraction and add it to their database, or use the attractions already populated in their database to find unique places to visit.

## Instructions

* Choose one scenario. Indicate which scenario you are addressing in your post.
* Come up with 5 functional and 5 non-functional requirements for this system.

## Functional Requirements

|  |  |
| --- | --- |
| Functional Req ID | Description |
| FR-1 | Application allows for creation of a user account. |
| FR-2 | Application allows for user to select a location of interest, and a “within x distance”. |
| FR-3 | Based on user provided location and distance, Application returns list of attractions that meet criteria. |
| FR-4 | Attractions have the following characteristics: location (required Lat,Lon), name (required, string between 5 and 100 characters, no html or formatting allowed), short description (optional, string between 10 and 500 characters, allows html), long description (optional, text, at least 10 characters), primary image (optional, jpg, gif, png formats accepted, less or equal to 50MB) |
| FR-5 | Application allows a user to delete their account and any associated data. Attractions the deleted user added will remain, but Application will not associate the deleted user with the Attractions they have entered or visited. |

## Non-Functional Requirements

|  |  |
| --- | --- |
| Non-Functional Req ID | Description |
| NFR-1 | Application will run on latest IOS and past two IOS versions. |
| NFR-2 | Application will allow for data entry using a mic. |
| NFR-3 | Application will store PII, including Name; Email; addresses; and device identifiers, in an encrypted format. |
| NFR-4 | Application will allow for use with and without tracking the mobile device’s location. |
| NFR-5 | Application will allow for SSO using Google or Facebook SSO, or with creation of an App specific user account. |