**DATA DICTIONARY**

**FIRST LEVEL PROCESS DESCRIPTIONS**

**Process Name**: 1.0 Registration/Login

**Description**: User registers on the app by providing necessary details.

**Inbound Data Flows**: User details

**Outbound Data Flows**: User details

**Process Name**: 2.0 Feed Updation

**Description**: User will get updated personalized feed.

**Inbound Data Flows**: User details ,Updated locations ,User feed ,Updated feed ,Updated

Posts ,New posts

**Outbound Data Flows**: Personalized feed ,User ID ,Updated posts ,Updated locations

**Process Name**: 3.0 Post Creation

**Description**: User can post own experiences.

**Inbound Data Flows**: Post experience , Verified posts

**Outbound Data Flows**: User posts

**Process Name**: 4.0 Post Updation

**Description**: The upvotes by users would be updated on various posts.

**Inbound Data Flows**: Request for upvote

**Outbound Data Flows**: User ID,Post ID

**DATA DICTIONARY ENTRIES FOR DATA FLOWS**

**Data Flow Name:** User Details

**Description:** User will provide personal details for registration/login.

**From Processes:**

**To Processes:** 1.0 Registration/Login

**Data Structures:** Login Details, Customer Details

**Data Flow Name:** Access status

**Description:** User would either get or be denied access to the app.

**From Processes:**1.0 Registration/Login

**To Processes:**

**Data Structures:**

**Data Flow Name:** User Details

**Description:** User details will be forwarded.

**From Processes:** 1.0 Registration/Login

**To Processes:** 2.0 Feed Updation

**Data Structures:** Login Details, Customer Details

**Data Flow Name:** Personalised feed

**Description:** User will get personalised feed based on choice of locations.

**From Processes:** 2.0 Feed Updation

**To Processes:**

**Data Structures:**

**Data Flow Name:** Updated locations

**Description:** User will send updated list of locations.

**From Processes:**

**To Processes:** 2.0 Feed Updation

**Data Structures:** Locations

**Data Flow Name:** User feed

**Description:** User will get their latest feed.

**From Processes:**

**To Processes:** 2.0 Feed updation

**Data Structures:** Post Details

**Data Flow Name:** User ID

**Description:** Request the feed for the particular User ID.

**From Processes:** 2.0 Feed Updation

**To Processes:**

**Data Structures:**

**Data Flow Name:** Updated feed

**Description:** User will get updated feed

**From Processes:**

**To Processes:** 2.0 Feed Updation

**Data Structures:** Post Details

**Data Flow Name:** Updated posts

**Description:** The posts would be displayed to the user after updation of recent upvotes.

**From Processes:**

**To Processes:** 2.0 Feed Updation

**Data Structures:** Post Details

**Data Flow Name:** Post experience

**Description:** User will record their travel experience in the form of a post.

**From Processes:**

**To Processes:** 3.0 Post creation

**Data Structures:** Post Details , Photos

**Data Flow Name:** Updated locations

**Description:** Request for posts pertaining to updated locations.

**From Processes:** 2.0 Feed updation

**To Processes:**

**Data Structures:**

**Data Flow Name:** New posts

**Description:** User will get new posts

**From Processes:**

**To Processes:** 2.0 Feed updation

**Data Structures:** Post Details , Photos

**Data Flow Name:** User posts

**Description:** User post will get stored

**From Processes:** 3.0 Post creation

**To Processes:**

**Data Structures:** Post Details , Photos

**Data Flow Name:** Request for upvote

**Description:** User will request for upvote

**From Processes:**

**To Processes:** 4.0 Post Updation

**Data Structures:** Upvotes

**Data Flow Name:** Verified posts

**Description:** Admin will send verified posts

**From Processes:**

**To Processes:** 3.0 Post Creation

**Data Structures:** Post Details , Photos

**Data Flow Name:** User ID,Post ID

**Description:** User ID,Post ID will get stored

**From Processes:** 4.0 Post Updation

**To Processes:**

**Data Structures:** Upvotes

**DATA DICTIONARY**

**DATA STORES**

**User Details**

User Details

Login Details

**Cache of Feeds**

Feed stored for every User ID

**Posts**

Verified posts by admin

Posts by users

**DATA FLOWS**

**User Details**

Name

Address

Date of Birth

Mobile Number

Gender

Email

Password

**Matching Details**

**Access Status**

**User Feed**

Photos

**User ID**

User ID

**Updated Locations**

Updated Locations

**Updated Posts**

Updated Posts

**New Posts**

Post

Post ID

**User Post**

User ID

Post

**Post Experience**

Post

User ID

**Verified Posts**

Post

**Request for Upvote**

Request

**DATA STRUCTURES**

Login Details

Username

Password

Customer Details

Address

City

Email

Gender

MobileNo

Name

Upvotes

User ID

Post ID

Post Details

Post ID

Post

Photos

Post

Post ID

Locations

Locations