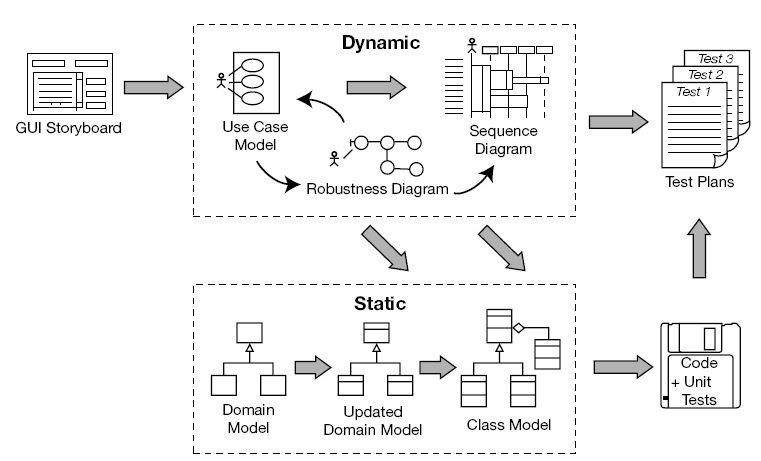
SSD AE2 – GuideLK (Tourism Management System)

Things to do,

1. ICONIX process

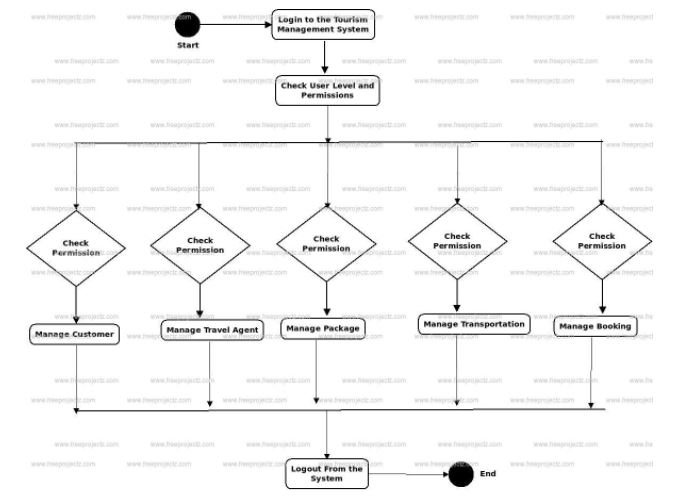


* Activity UML Diagram of GuideLK
* Travel Agent Activity
* Package Activity
* Customer Activity
* Booking Activity
* Transportation Activity
* Feedback Activity
* Complaint Activity

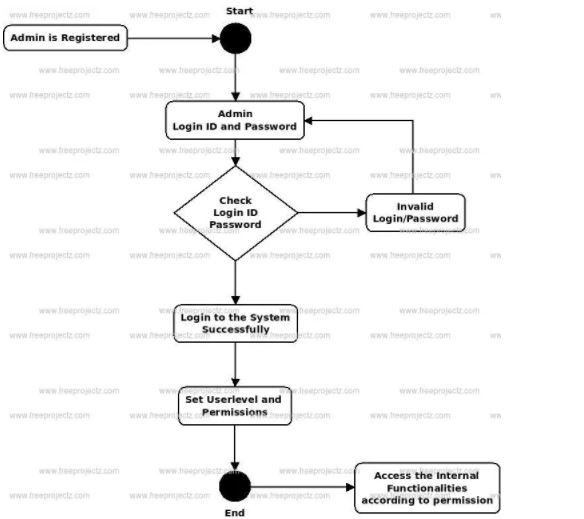
Features of Activity UML Diagram

* Admin user can create, update, delete, and search Travel Agent.
* Its shows the activity flow of editing, adding and updating of Package.
* User will be able to search and generate report of customer booking details.
* Travel Agent, Package and Transportation objects are interlinked.
* Its shows the full description and flow of Travel Agent, Booking, Transportation, Customer and Package.
* Admin user can view all Feedbacks.
* Admin user can view all Complaints and reply.

Activity Diagram



Logging Activity Diagram



Class Diagram

* Customer Class
* Travel Agent Class
* Package Class
* Transportation Class
* Booking Class
* Hotel Class
* Feedback Class
* Complaint Class
* User Class
* Role Class
* Permission Class

Class and Their Attributes

* **Customer Attributes** – customer\_id, customer\_name, customer\_email, customer\_mobile\_no, customer\_tel\_no, customer\_address1, customer\_address2, customer\_created\_by, customer\_created\_date, customer\_last\_modified\_by, customer\_last\_modified\_date, customer\_status.
* **Travel Agent** –travel\_agent\_id, travel\_agent\_name, travel\_agent\_email, travel\_agent\_mobile\_no, travel\_agent\_tel\_no, travel\_agent\_address1, travel\_agent\_address2, travel\_agent\_created\_by, travel\_agent\_created\_date, travel\_agent\_last\_modified\_by, travel\_agent\_last\_modified\_date, travel\_agent\_status.
* **Package** – package\_id, package\_name, package\_amount, package\_total, package\_type, package\_description, package\_created\_by,

package\_created\_date, package\_last\_modified\_by, package\_last\_modified\_date, package\_status

* **Transportation –** transportation\_id, transportation\_vehicle\_no, transportation\_ v\_type, transportation\_ description, transportation\_created\_by,

transportation\_created\_date, transportation\_last\_modified\_by, transportation\_last\_modified\_date, transportation\_status

* **Hotel –** hotel\_id, hotel\_name, hotel\_type, hotel\_category, hotel\_tel\_no, hotel\_address1, hotel\_address2, hotel\_created\_by,

hotel\_created\_date, hotel\_last\_modified\_by, hotel\_last\_modified\_date, hotel\_status

* **Booking –** booking\_id, booking\_title, booking\_type, booking\_date, booking\_description, booking\_created\_by,

booking\_created\_date, booking\_last\_modified\_by, booking\_last\_modified\_date, booking status

* **Feedback –** feedback\_id, feedback\_description
* **Complaint –** complaint\_id**,** complaint\_description
* **User –** user\_id, user\_role\_id, user\_name, user\_email
* **Role –** role\_id, role\_title, role\_description
* **Permission –** permission\_id, permission\_role\_id, permission\_title, permission\_module, permission\_description

**Note: Above mention classes and attribute can change in the development stage based on some mappings.**

Classes and their methods

**Customer** – createCustomer(), updateCustomer(), deleteCustomer(), searchCustomer()

**Travel Agent** – createTravelAgent(), updateTravelAgent(), deleteTravelAgent(), searchTravelAgent()

**Package** – createPackage(), updatePackage(), deletePackage(), searchPackage()

**Transportation** – createTransportation(), updateTransportation(), deleteTransportation(), searchTransportation()

**Hotel** – createTransportation(), updateTransportation(), deleteTransportation(), searchTransportation()

**Booking** – createBooking(), updateBooking(), deleteBooking(), searchBooking()

**Feedback** – createFeedback(), updateFeedback(), deleteFeedback(), searchFeedback()

**Complaint** – createComplaint(), updateComplaint(), deleteComplaint(), searchComplaint()

**User** – createUser(), updateUser (), deleteUser (), searchUser()

**Role** – createRole(), updateRole(), deleteRole(), searchRole()

**Permission** – createPermission(), updatePermission(), deletePermission(), searchPermission(), assignPermission()

Class Diagram

