Use Case

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Use Case

Subsystems

- User profile system

- Board controlling system

- Agency profile system

- Information update system

Actors

- Tourism Board

- Agency

- Tourist

actor glossary

Actor	Short-key	Activity scope
Tourism Board	BRD	a) managing user profiles
		b) managing agency profiles
		c) updating information
Tourist	TST	d) searching
		e) uploading photos
		f) writing review
		g) giving rating
Agency	AGN	a)updating information
		b)promoting services

Use Case

User profile system

Use-case Glossary:

Use-Case ID	Name	Description	Participant actors And Roles
1.1	Sign Up / Login	Signing Up & Logging in to an account	TST signs up and logs into account
1.2	Searching	Searching for any place	TST searches places
1.3	Selecting Place	Selecting place according to choice	TST selects the place
1.4	Review	Sharing experience and rating services of the place selected in 1.3	TST writes about the place and rates services
1.5	Uploading Photos	Uploading photos	TST uploads photos

Use-Case Diagram:

Use-Case Narrative:

The System features how the users can use their profile and what options they will get.

- **1.1 Log in/ Sign up**

General people can create a profile in this system easily only by providing an email id.

They can login into this system using that id and enjoy all the features from his/her   profile.

1.1

Use-Case name	Define route and price
Use-Case ID	1.1
Priority	High
Primary Business Actor	Tourist/User(TST)
External Receiver Actor	Board(BRD)
Description	The user creates a new account by signing up providing an email id.Later he/she can log into that account using that email id.
Trigger	By TST

Actor: TST, BRD

Documentation:

Conclusion: concludes when a request to create an account is made.

Post-condition: confirm the user about the creation of his/her account and make the user logged in.

Implementation-issues: GUI will be provided in the webpage for the user to fill up the form as well as maintain a database for user accounts.

- **1.2   Categorized Searching System**

In the search system, a user can see a drop down list of the following category:

- *Display map:*

   Displaying a place's map location via google map facility according to the name a user entered.

- *Historical listing:*

   Showing a list of whole country's historical/traditional spots according to user's entry.

- *Geological sorting:*

   Providing the user a list according to hill tracks / sea beach sorting.

1.2

Use-Case name	Define route and price
Use-Case ID	1.2
Priority	High
Primary Business Actor	Tourist/User(TST)
Description	The user searches for the desired place in a category based search engine. The categories will make the searching easier.
Trigger	By TST

Actor: TST

Documentation:

Conclusion: concludes when an entry of the search is made.

Post-condition: supply information about the item/place that user was searching for.

Implementation issues: GUI will be provided in the webpage for the user to look at various issues related to that searched item.

- **1.3   Selecting places**

user selects a place after searching with suitable choice

Use-Case name	Define route and price
Use-Case ID	1.3
Priority	High
Primary Business Actor	Tourist/User(TST)
Description	After the user gets a satisfying result from the search, he/she selects the place
Trigger	By TST

1.3

Actor: TST

- **Review**

The travelers can review in two ways:

- *Sharing Experience in public*

  The travelers can share their views about any particular place, agency, restaurant or guide service after their traveling experience.

- *Rating*

  There will be a rating corner for each service for every places. A user can rate that service as his/her wish. That rating will be publicly visible.

Use-Case name	Define route and price
Use-Case ID	1.4
Priority	High
Primary Business Actor	Tourist/User(TST)
Description	The user visits the page of the desired place/spot and then writes about that place from past experience. He/she can also rate the services around that place provided by Agencies or guides.
Trigger	By TST

1.4

Actor: TST ,BRD

Documentation:

Conclusion: concludes when a user shares his/her experience, give suggestions.

Post-condition: Notify the board about suggestions.

Implementation-issues: GUI will be provided in the webpage to share ideas and views.

- **Uploading photos**

    Travelers can upload photos if they want to share their tour experience with other people.

Use-Case name	Define route and price
Use-Case ID	1.5
Priority	Medium
Primary Business Actor	Tourist/User(TST)
Description	The users share their traveling experience uploading the tour photos

Trigger	By TST

1.5

Actor: TST

Documentation:

Conclusion: concludes when a user upload photos.

Post-condition: add photos in the gallery.

Implementation-issues: GUI will be provided in the webpage for uploading.

Agency Profile System

Use-case Glossary:

Use-Case ID	Name	Description	Participant actors And Roles
2.1	Agency information Update	Updating information about agencies' own services	AGN updates their own information
2.2	Promotional Activity	Advertising activities,offers,packages,services	AGN does the promotions
2.3	Request Account	Requesting extension of valid time period	AGN requests for the extension

	Renewal		

Use-Case Diagram:

Use-Case Narrative:

This system features how the agencies can manage their profile. It includes:

- **Agency Information update**

  The agency can update their own information in their profile as follows:

  - *Guide info:*

    The agency will register local guides in this database on their own. Then they can provide the guide detail and contact info for that guide. Using these information,

    people can access guides.

  - *Location & contact info:*

    Detail contact information agency and location of their associated sites/resorts.

  - *Website link:*

    Agency will give its own website link with all detailed service.

Use-Case name	Define route and price
Use-Case ID	2.1
Priority	High
Primary Business Actor	Agency(AGN)
Description	Updating information about agencies' own services
Trigger	By AGN

2.1

Actor: AGN

- **Promotional activity**

    Agencies can advertise about their service publicly. They can promote with their

    - *Offers:*

        Agencies can promote their trip plan and schedule, special packages, discount offer

        for a particular situation.

    - *Photo gallery:*

        They can have their own photo gallery to attract tourists.

Use-Case name	Define route and price
Use-Case ID	2.2
Priority	High
Primary Business Actor	Agency(AGN)
Description	Advertising activities, offers, packages, services
Trigger	By AGN

2.2

Actor: AGN

- **Request Time Renewal of Membership:**

    The agency have got the option to request the board to renew their time period
    followed some official processes.

Use-Case name	Define route and price
Use-Case ID	2.3

Priority	High
Primary Business Actor	Agency(AGN)
External Receiver Actor	Board(BRD)
Description	Requesting extension of valid time period
Trigger	By AGN

2.3

Actor: AGN

Board Controlling System

Use-case Glossary:

Use-Case ID	Name	Description	Participant actors And Roles
3.1	Agency Management	Modifying Agency account status	BRD monitors agencies validity duration
3.2	User Profile Management	Modifying User account status	BRD removes user account on special cases

Use-Case Diagram:

Use-Case Narrative:

- **Agency Management**

  The board will have the control over agency accounts and several operations can be performed over the accounts:

  3.1

Use-Case name	Define route and price
Use-Case ID	3.1
Priority	High
Primary Business Actor	Board(BRD)
External Receiver Actor	Agency(AGN)
Description	Modifying Agency account status
Trigger	By BRD

- *Add agency:*

  New agency account can be added after verification maintaining the terms of agreement.

  Actor: BRD

  Documentation:

  Conclusion: concludes when a request to get membership is made.

  Post-condition: Inform the agency about the membership giving membership access password.

  Implementation-issues: GUI will be provided to gather required info about that agency

- *Remove agency:*

  Agency account can be removed after expire date.

  Actor: BRD

  Documentation:

  Conclusion: concludes when board send notification to an agency about its time period removal.

  Post-condition: make the agency's membership status invalid.

  Implementation-issues: System preserves membership status.

- *Time period renew:*

  The allotted time period can be extended for an account.

  Actor: BRD, AGN

  Documentation:

  Conclusion: concludes when agency send notification to board about its time period renewal.
  Post-condition: update the agency's membership status.
  Implementation-issues: System preserves membership status.

- **User Management**

    The board can also control any user account. If anything is wrong with the user profile, the Board can remove that account.

Use-Case name	Define route and price
Use-Case ID	3.2
Priority	Medium
Primary Business Actor	Board(BRD)
External Receiver Actor	Tourist/User(TST)
Description	Modifying User account status
Trigger	By BRD

3.2

Actor: BRD

Documentation:

Conclusion: concludes when board delete a user's account.
Post-condition: update the user membership database.
Implementation-issues: System preserves membership status.

information update system

Use-case Glossary:

Use-Case ID	Name	Description	Participant actors And Roles
4.1	Add Info	Adding new places with new information	BRD creates a new interface for a new place
4.2	Update Info	Updating information of already existing places	BRD updates necessary information
4.3	Remove Info	Removing any unnecessary information or interface	BRD does the work

Use-Case Diagram:

Use-Case Narrative:

The Board and Agencies can update information about following categories and user can view this information from his/her profile:

- **Add   info :**

4.1

Use-Case name	Define route and price
Use-Case ID	4.1
Priority	High
Primary Business Actor	Board(BRD)
External Receiver Actor	Tourist/User(TST)
Description	Adding new places with new information
Trigger	By BRD

- *Weather status:* showing climate situation and weather forecast for particular areas.

- *Emergency helpline:* police, hospital and fire services contact no & location list

- *Festivals:* traditional festival occurrence in the spot will be mentioned.

- *History :* it will describe the history of any spot and mention places for travelers

- *Food:* display list of special foods(if any) available in the site

- *Transport :* ways of going the site will be presented before user as

  - Highways

  - Water ways

- Railway

- Airway

- *Accommodation :* provide a list of available accommodation facilities as

  - Hotels

  - Resorts

  - Govt. rest houses

Actor: BRD, AGN

Documentation:

Conclusion: concludes when a piece of information is updated.

Post-condition: make sure that uploaded information are available to every related actors.

Implementation-issues: All the information are maintained by the system.

Use-Case name	Define route and price
Use-Case ID	4.2
Priority	High
Primary Business Actor	Board(BRD)
External Receiver Actor	Tourist/User(TST)
Description	Updating information of already existing places
Trigger	By BRD

- **4.2 Update info:**

Actor: BRD

Use-Case name	Define route and price
Use-Case ID	4.3
Priority	High
Primary Business Actor	Board(BRD)
External Receiver Actor	Tourist/User(TST)
Description	Removing any unnecessary information or interface
Trigger	By BRD

- **4.3 Remove Info**

Actor: BRD