## TEAM PHP – Features description

### Features - Ahmed Selim

**­Feature One Price Alerts:**

· Sometimes you might be planning a trip but can't fully commit to buying the tickets just yet. Price Alerts let you monitor the price history of your chosen flight so you can pounce if the airfares suddenly start to creep up. Or perhaps you want to go away on a specific weekend but the flights are far too expensive. Set a Price Alert and you'll be sent an email immediately if there's a price drop. Flight prices change frequently, but Price Alerts mean you won't be caught on the hop if flight prices skyrocket.

a.      Tier #1: Users would search their preferred flight and next to results there’s a button called price alert

b.      Tier #2: Users enter their email address in the pop up box that shows up

c.      Tier #3: If the price of your flight goes up or down, we'll send you an email to let you know of the change.

|  |  |
| --- | --- |
| ID | PK |
| FIRST\_NAME | VARCHAR(50) FK |
| LAST\_NAME | VARCHAR(50) FK |
| UserID | VARCHAR(50) PK |
| EmailAddress | VARCHAR(50) PK |

**Feature Two Offers letters:**

·        Instead of users spending hours searching for the best worldwide flight and holiday deals, users are now able to subscribe for it and they will receive our latest deals and EXCLUSIVE Flash Sale alerts to your inbox. We will send you the latest flight deals, worldwide holiday offers, plus travel news and advice from travel experts.

a.      Tier #1: Users can navigate to the news/offers letters page

b.      Tier #2: Form page field shows up asking for first/last name, as well as their email address among the necessary information

c.      Tier #3: After validation has been done on the newsletter form page, a success message to be sent to the user upon a valid entry.

|  |  |
| --- | --- |
| ID | PK |
| UserID | VARCHAR(50) FK |
| LAST\_NAME | VARCHAR(50) FK |
| FIRST\_NAME | VARCHAR(50) PK |

**Feature Three Smart Tickets:**

·        Smart tickets are the most user friendly feature while booking a flight ticket, users usually search for their preferred dates and times during the time they’d like to be making their trip, meanwhile there could be a great price difference between that day selected and another day maybe 2 days earlier or later. Smart tickets do the math for the users allowing them to know ahead of the booking time if they’d like to go with another flight ticket very close to their chosen timing for lower price.

a.      Tier #1: Users would search their preferred flight and next to results a new tab next to their results tab showing the smart tickets search results option

b.      Tier #2: Users are able to select the smart tickets search results to see what is recommended by the website

c.      Tier #3: Changes and dates from the original user selection to be shown on the smart tickets page showing users what have gone different, and allowing them to purchase the new ticket.

|  |  |
| --- | --- |
| ID | PK |
| UserID | VARCHAR(50) FK |
| LAST\_NAME | VARCHAR(50) FK |
| FIRST\_NAME | VARCHAR(50) FK |
| FlightDate | Date PK |

### Lauren Piasecki - Features

**Feature # 1 - Destination Wishlist - Lauren**

Website visitor will be able to register to become a member. Once they have done so, they will be able to login using their username and password. While they are logged in they will be able to add places of their choice to a list of destinations they want to visit in the future. The list of destinations will be stored in the database with the user id number to link it to their contact information.

There will be a button beside the title of each place that allows the visitor to click it and add it to their wishlist. This feature will work very similarly to a shopping cart feature on a retail website. After the user adds a destination to their wishlist, they will be able to click the Destination Wishlist icon in the top right corner and it will take them to a page where they can view their entire Destination Wishlist. The user can add up to five destinations. They will also be able to remove a destination once they have visited that place or if they have changed their mind about wanting to travel there.

WISHLIST

|  |  |
| --- | --- |
| ID | PK |
| FIRST\_NAME | VARCHAR(50) FK |
| LAST\_NAME | VARCHAR(50) FK |
| DESTINATION\_ONE | VARCHAR(50) |
| DESTINATION\_TWO | VARCHAR(50) |
| DESTINATION\_THREE | VARCHAR(50) |
| DESTINATION\_FOUR | VARCHAR(50) |
| DESTINATION\_FIVE | VARCHAR(50) |

* **Tier 1** - User is able to click a button and add destination to their Destination wishlist
* **Tier 2 -** User can click the Wishlist Destination icon in the header to go to that page and view their list.
* **Tier 3 -** User is able to remove destinations from the Destination Wishlist

**Feature # 2 - Recommended Hotels - Lauren**

When the website visitor searches for flights to a particular place, a bar will display underneath the flight search results. This bar will show five recommended hotels in the location where the flight is going to. So if the user searches for a flight to Montreal, they will see recommended hotels in the city of Montreal. The name of the hotels, as well as a photo of each hotel would be shown to the user on this bar. These hotels would be taken from the database, referenced by the destination id number. The user will also be able to click an “Add to Favourites” button which will add that hotel to a list of their favourite hotels. This will allow the user to compile a list of hotels they can reference before they book one. The list of favourite hotels will be displayed on a page to the user, which will be stored in the database and linked to the user’s id number.

* **Tier 1** - User is able to view Recommended hotels in the destination they have searched for
* **Tier 2 -** User can click on the hotel link which will bring them to a booking page for that hotel
* **Tier 3 -** User will be able to add that hotel to their favourites

HOTEL

|  |  |
| --- | --- |
| ID | PK |
| HOTEL\_NAME | VARCHAR(100) |
| PRICE | INT |
| IMAGE | TEXT |
| HOTEL\_DESC | TEXT |
| HOTEL\_DISCOUNT | INT |
| COUNTRY\_ID | INT FK |

**Feature # 3 - Currency Converter - Lauren**

The currency converter feature would be accessed through an icon beside the price of the flight. Once the website visitor clicks on this icon, they will have the ability to change the price of the flight to a currency of their choice. The initial default currency would be in Canadian dollars.

When user clicks icon to convert currency, they will also be asked if they want to change their default currency setting to be the currency they just selected. From then on, when the user visits the page, they will see the prices in their currency of choice. The user’s currency choice will be saved in the database linked to their user id number.

* **Tier 1** - User is able to click on icon beside flight price to change currency
* **Tier 2 -** Currency of choice will be displayed for that flight price
* **Tier 3 -** User is able to save their currency of choice and from then on prices will display in that currency

CURRENCY

|  |  |
| --- | --- |
| ID | PK |
| CURRENCY\_NAME | VARCHAR(100) |
| CURRENCY\_SYMBOL | TEXT |
| CURRENCY\_CONVERSION | INT |

USER\_CURRENCY

|  |  |
| --- | --- |
| ID | FK |
| DEFAULT\_CURRENCY | VARCHAR(100) |

### Features - Prabhninder Sandhu

**Car deals**

In this feature we are going to populate image, description, price and deal of cars. We are going to have two interfaces one for user and other for Admin. Using the Admin interface we can upload image, add description, price and deal. In admin interface we can create, read, update and delete deals. User will come on website. He/she will see all the Car deals in the form of image then description under that.

Database Tables

Table name - car deals

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| description | Text 100 characters |
| deal | Text 255 characters |
| Price | Numeric |
| Image | Text 30 characters |

Input

* User will come on the web page click on Car deals button
* He/She will see all the car deals when click on particular deal it will show detail.

Process

* This request will go to database as query to select all the deals and show them.

Output

* These results will be shown in rows
* Each row will contain three deals.
* User can click on any deal to see the detail.

**Book a car**

In this feature user will be having option to rent a car either for hours or for a day. The billing estimate will be done according to the user selection of hours or days. There will be two interfaces one for admin to add, edit, delete a car from database. There other interface will be for user to see all the available cars, detail and option to rent them.

Table name - bookacar

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| Car\_type | Text 100 characters |
| Rental\_company | Text 255 characters |
| Price | Numeric |
| Image | Text 30 characters |
| Pickup\_loc | Text 30 characters |
| Dropoff\_loc | Text 30 characters |
| Pickup\_time | Numeric |
| Pickup\_date | date |
| Dropoff\_time | Numeric |
| Dropoff\_date | date |

Input

* User will select the car type, rental company, pickup location, pick up time, drop off location, drop off time
* After inputting data user will press search button and select the car

Process

* According to user data php code will calculate the estimate charges and show to user.

Output

* After selecting the car, it will show confirmation message. The output page will render image Rental company name, estimated fee, pickoff location, pickoff time, dropoff date, dropoff location, dropoff time and dropoff date.

**Customer feedback form**

In this feature user will enter the firstname, lastname, email, phone, title and message. Feedback forms help in improving services. In this feature we are having two interfaces one for admin and other user. Admin can view all the feedback form while user can only write and submit the form.

Table - feedback

|  |  |  |
| --- | --- | --- |
| Id | Numeric  Primary key | Required |
| Date | Date | Required |
| Firstname | Text 100 characters | Required |
| Lastname | Text 100 characters | Required |
| Email | Text 255 characters | Required |
| Phone | Numeric | Required |
| Title | Text 100 characters | Required |
| Message | Text 100 characters | Required |

Input

* User will enter Firstname, lastname, email, phone, title and message.

Process

* It validates the form

Output

* It will display the form submitted message.

## Features - Prabhninder

**Car deals**

In this feature we are going to populate image, description, price and deal of cars. We are going to have two interfaces one for user and other for Admin. Using the Admin interface we can upload image, add description, price and deal. In admin interface we can create, read, update and delete deals. User will come on website. He/she will see all the Car deals in the form of image then description under that.

Database Tables

Table name - cardeals

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| description | Text 100 characters |
| deal | Text 255 characters |
| Price | Numeric |
| Image | Text 30 characters |

Input

* User will come on the web page click on Car deals button
* He/She will see all the car deals when click on particular deal it will show detail.

Process

* This request will go to database as query to select all the deals and show them.

Output

* These results will be shown in rows
* Each row will contain three deals.
* User can click on any deal to see the detail.

**Book a car**

In this feature user will be having option to rent a car either for hours or for a day. The billing estimate will be done according to the user selection of hours or days. There will be two interfaces one for admin to add, edit, delete a car from database. There other interface will be for user to see all the available cars, detail and option to rent them.

Table name - bookacar

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| Car\_type | Text 100 characters |
| Rental\_company | Text 255 characters |
| Price | Numeric |
| Image | Text 30 characters |
| Pickup\_loc | Text 30 characters |
| Dropoff\_loc | Text 30 characters |
| Pickup\_time | Numeric |
| Pickup\_date | date |
| Dropoff\_time | Numeric |
| Dropoff\_date | date |

Input

* User will select the car type, rental company, pickup location, pick up time, drop off location, drop off time
* After inputting data user will press search button and select the car

Process

* According to user data php code will calculate the estimate charges and show to user.

Output

* After selecting the car it will show conformation message. The output page will render image Rental company name, estimated fee, pickoff location, pickoff time, dropoff date, dropoff location, dropoff time and dropoff date.

**Customer feedback form**

In this feature user will enter the firstname, lastname, email, phone, title and message. Feedback forms help in improving services. In this feature we are having two interfaces one for admin and other user. Admin can view all the feedback form while user can only write and submit the form.

Table - feedback

|  |  |  |
| --- | --- | --- |
| Id | Numeric  Primary key | Required |
| Date | Date | Required |
| Firstname | Text 100 characters | Required |
| Lastname | Text 100 characters | Required |
| Email | Text 255 characters | Required |
| Phone | Numeric | Required |
| Title | Text 100 characters | Required |
| Message | Text 100 characters | Required |

Input

* User will enter Firstname, lastname, email, phone, title and message.

Process

* It validate the form

Output

* It will display the form submitted message.

## Features - Midhu Martin

* Feature 1: TRAVEL INSURANCE
* -------------------------------------------------
* Travel Insurance plan feature allows a visitor/traveler to insure their journey. It will give them the peace of mind that they have the required insurance coverage through out their journey. Travel insurance can be individual or group(family). The travel insurance plan has 4 phase. In the first phase the visitor enters the details about their trip and gets a quote. In second phase the user select the appropriate plan for their trip. In the 3rd Phase the personal details about the client will be collected and in phase 4 the user is directed to the payment processing page to make the payment. Credit card information should be collected in a very secure manner.
* The database schema will be like this:
* Primary Insurance Customer

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| First Name | Text 30 characters |
| Last Name | Text 30 characters |
| Address1 | Text 30 characters |
| Address2 | Text 30 characters |
| Postal Code | Text 30 characters |
| Phone | Text 30 characters |
| Email | Text 30 characters |
| City | Text 30 characters |
| DOB | Date |
| Province | Text 30 characters |
| Family Plan | True/False |

* Family Insurance Customer

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| First Name | Text 100 characters |
| Last Name | Text 255 characters |
| DOB | DATE |
| PID | Numeric Foreign Key (Primary Insurance Customer (ID)) |

* Country

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| Country Name | Text 30 characters |

* Province

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| Province Name | Text 30 characters |
| CID | Numeric(Foreign Key Country ID) |

* City

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| City Name | Text 30 characters |
| Province | Text 30 characters |
| PID | Numeric(Foreign Key Province ID) |

* Plan

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| PLAN NAME | Text 30 characters |
| AMOUNT | Numeric |
| COMMENT | Text 100 characters |

* TRANSACTION

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| CID | Text 30 characters Foreign key Primary Insurance Customer (ID) |
| DATEOFTRAN | DATE |
| DEPATUREDATE | DATE |
| RETURN DATE | DATE |
| AMOUNTOFTRIP | NUMERIC |
| INSURANCE AMOUNT | Numeric |
| FAMILYPLAN | TRUE/FALSE |
| PLAN | NUMERIC  (Foreign key Plan ID) |
| COMMENT | Text 100 characters |

* RELATION

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| RELATIONSHIP | TEXT |

* INPUT
* User enter their name, email phone number and address the personal details along with the choice of the plan.
* Process
* Available plans will be displayed for the user. The plan user selected will be updated into the database with the user information.
* Output
* A message showing the details of the transaction done by the user.
* FEATURE2
* Find an Agent
* In Find an agent the visitor will be able to search for a travel agent based on their requirement. Like country of origin, Nationality, Languages spoken. The user will be able to choose from a verity of options. For example, with the Country, Languages know, Gender, countries visited. Once the user clicks the search button the agents that’s satisfies the above criteria will be listed and user will be able to click on any agent they wish to contact. Once they click the agent the user will be taken to details page of that agent. On the details page all the contact information about the agent will be displayed. The address of the agent, phone number, email address, personal and the visitor will have the option to send a message to the agent.
* The database schema will be like this:
* AGENT MASTER

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| FIRSTNAME | Text 30 characters |
| LASTNAME | Text 30 characters |
| Designation | Text 30 characters |
| Nationality | Text 30 characters |
| Gender | Text 30 characters |
| City | Numeric (Foreign Key Province ID) |
| Phone1 | Text 30 characters |
| email | Text 30 characters |
| Phone2 | Text 30 characters |
| STORENO | Numeric (Foreign Key STORE ID) |
| COMMENT | Text 100 characters |
| EXPERT | Text 100 characters |
| PIC |  |

* AGENT-LANGUAGE

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| LANUAGEID | Numeric (Foreign Key LANGUAGE (ID)) |
| AGENTID | Numeric (Foreign Key AGENT (ID)) |

* LANGUAGE

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| LANGUAGE | Text 30 characters |

* COUNTRY-AGENT

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| COUNTRYID | Numeric (Foreign Key COUNTRY (ID)) |
| AGENTID | Numeric (Foreign Key AGENT (ID)) |

* FAVDES

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| CITYID | Numeric (Foreign Key CITY (ID)) |
| AGENTID | Numeric (Foreign Key AGENT (ID)) |

* STORE MASTER

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| ADDRESS1 | Text 30 characters |
| ADDRESS2 | Text 30 characters |
| CITY | Text 30 characters (Foreign Key PROVINCE(ID)) |
| POSTALCODE | Text 10 characters |
| PHONE | Text 10 characters |

* CONTACT

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| FIRSTNAME | Text 30 characters |
| LASTNAME | Text 30 characters |
| PHONE | Text 30 characters (Foreign Key PROVINCE( ID)) |
| EMAIL | Text 10 characters |
| DESTINATION | Text 10 characters |
| DEPARTURE DATE | DATE |
| RETURN DATE | DATE |
| COMMENT | Text 200 characters |

* INPUT
* User search for an agent based on name or nationality or languages spoken. User select an agent from a list of agent. The user be able to send a mail to the agent by entering his personal details.
* Process
* The information is retrieved from the database based criteria selected by the user. Then the details of the particular agent is retrieved from the database when the user select that particular agent.
* Output
* A message showing the details of the transaction done by the user.
* The contact message is send to the agent and the information about the person contacting the agent is s updated in the database.
* **Feature 3**
* **Purchase Gift Card**
* Narrative Description
* In Purchase Gift Card the user will be able to purchase a gift card based on their choice. The different type/Amount of gift cards available will be displayed. User can choose from one among them or enter his choice of amount. The gift card will be emailed to the user. The person purchasing the gift card also can chose to send the gift card to his email address.
* The database schema will be like this:
* BUYERDETAILS

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| First Name | Text 30 characters |
| Last Name | Text 30 characters |
| Address1 | Text 30 characters |
| Address2 | Text 30 characters |
| Postal Code | Text 30 characters |
| Phone | Text 30 characters |
| Email | Text 30 characters |
| City | Text 30 characters |
| DOB | Date |

* GIFTPERSON DETAILS

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| First Name | Text 30 characters |
| Last Name | Text 30 characters |
| Address1 | Text 30 characters |
| Address2 | Text 30 characters |
| Postal Code | Text 30 characters |
| Phone | Text 30 characters |
| Email | Text 30 characters |
| City | Text 30 characters |
| DOB | Date |
| Province | Numeric |
| BID | Numeric (Foreign Key Buyer Details( ID)) |
| GIFTID | Numeric (Foreign Key Price ( ID)) |

* PRICE

|  |  |
| --- | --- |
| ID | Numeric Primary key |
| Amount | Numeric |
| NameofGift | Text 100 Character |
| Comment | Text 100 Character |

INPUT

* The user enters his personal data and the personal contact details of the person who will receive the gift card. The user also enters the credit card details. User select a particular amount gift card or enter a choice amount.
* Process
* The different amount of gift is retrieved from the database and then displayed on the page. The details of the person purchasing the gift and the person receiving the gift will be updated in the database.
* Output
* The gift card selected by the user will be send to the user email based on the email selected.

**Gursewak Singh – Features**

**Feature 1: Trip planner**

This feature will let the visitors plan their trip by putting the required information in the trip planner form fields. First user has to input all the required information, then the trip planner will look for the trips available in the tour table and matches the visitor queries and it will show list of trips that matches with it. From that list, user can select a trip, and add that trip to the cart for the checkout process.

Tier 1: Visitor will get the list of trip packages, according to their dates.

Tier 2: Visitor will get suggestions for the trips.

Tier 3: Visitor can modify a trip package according to their requirement.

**Feature 2: Payment Processing**

This feature will let the user to make payment for the trip package they want to buy. Visitor have to select a trip package using trip planner feature and to the cart and then they can make the payment for that using their bank account cards. For this feature, we will use third party API like PayPal for handling the transaction.

Tier 1: Visitor can pay for the trip package.

Tier 2: Visitor can use gift cards, discount coupons while making payment.

Tier 3: Visitor can use split the fares.

**Feature 3: Online Chat Assistance**

This feature will let the user to seek help in making their trip plans by chatting with the assistance sitting on the admin side. The user need to click on the chat assistance icon and request for the information they are looking. The assistance on the other side can reply back instantly to the visitor queries and help them in making their final decision.

Tier 1: Visitor can chat with assistance.

Tier 2: Visitor will get predefined suggestions according to their queries.

Tier 3: Visitor can send audio messages along with text messages.