



Air-Ticket Reservation System

“Edit Profile” Module

Functional Specification Document





1.0 DOCUMENT PURPOSE

This document illustrates the functional specification of the Air-Ticket Reservation System (ARS) application. ARS is a system which is used to book ticket for flight. The following are the few important modules in the system

- a) Customer Registration
- b) Searching
- c) Booking
- d) Edit Profile
- e) Cancellation

This document details out the requirements for editing a profile. The details for the other modules will be given in the respective modules functional specification.

2.0 Edit Profile use case

This use case will be used by the customer to edit their profile into the system.

2.1.1 Edit Profile use case details

Trigger: Candidate triggers the functionality once he/she submits the details into the system

Pre-Conditions / Assumptions:

- In the Edit screen all the details of the Customer should be populated from the database.

Post Conditions:

- Customer editable data should be updated

Success End Condition: If the search produces results, display the profiles in the screen. On successful update of the user profile show message as “<Customer Name>’s profile updated successfully”.

Failed End Condition: The system should throw an error message if any one or more of the validations (refer to EOD¹) fail. The error messages and error codes need to be identified during design. The validation and business rules are mentioned in the business rules section.

Steps & Actions:

1. Registered user logs in to the system.
2. Clicks on the edit profile link.
3. System should display all the necessary fields in the screen.
4. Customer details should be automatically populated from the system and only editable fields are eligible for modification.
5. System needs to store the altered Customer details into the system.





TABLE:CUSTOMER_INFO

CName	Cid	Dob	Address	Phnoe	Email	Password	Ssn_type	Ssn_no
Biswa	1234	23-Nov-85	Kolkata	9830428452	g.visu@gmail.com	pass	PAN	PQC4578M89
Sajal	1235	26-Jan-85	Assam	9835678958	g.saja@in.com	pword	Driving Licence	K9565421
Sam	1236	26-Jan-87	Pune	9835678959	g.sam@in.com	prd	Passport	J890YUJK

Business Rules & Validations:**Login Customer**

- email should be in valid format
- Email Id Cannot Be Left Blank
- Password should match the criteria.
- Password Cannot Be Left Blank.
- If email id or password should exist in the system.
- **Edit Customer** CID Should be automatically populated from the system and must not be editable
- Customer Name should be automatically populated from the system, and while editing it must not contain any number and any special character if violated then system should throw Exception.
- Customer name cannot be left blank
- Date Of Birth Should be automatically populated from the system, and should be in the format dd-mon-yy.
- Date Of Birth cannot be left blank.
- E-mail Should be automatically populated from the system, and should be a valid email format.
- Email id cannot be left blank,
- Password Should be automatically populated from the system, and while editing it ,must be max 10 min 6 characters must be alphanumeric and at least one special character otherwise system should throw Exception.
- Password cannot be left blank.
- Phone No must be automatically populated from the system and while editing it must not contain anything other than numeric value, and must not exceed 10 values, otherwise system should throw Exception.
- Phone number cannot be left blank.
- Address cannot exceed more than 100 characters.
- Address Cannot be left blank.

3.0 Login Customer Screen:

This should capture the following fields:

- Email ID- Accepts the email from the customer.
- Password- Accepts the password from the customer.
- Edit – Submit button to submit the data into the system.





- Reset - Button used to reset/clear the field values.

4.0 Edit Customer Screen:

- CID- Prints the Customer ID for the customer from the System (Non Editable Field).
- C_NAME- Print or Edit the Name Of the customer.
- DOB- Print or Edit the Date Of Birth Of the customer.
- EMAIL- Print or Edit the E-Mail ID Of the customer.
- PASSWORD- Print or Edit the Password Of the customer.
- PHONE NO- Print or Edit the Date Ph No Of the customer.
- ADDERSS- Print or Edit the Address Of the customer.
- GENDER- Print or Edit the gender Of the customer.
- SSN_NUMBER- Print or Edit the SSN number Of the customer.
- Update – Submit button to submit the data into the system.
- Reset - Button used to reset/clear the field values.

¹ End of document

