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Semester & Academic Year: **2B / 2022 - 23**

Module Code: **ST0503**

Module Name: **Back-end Web Development**

Assessment: **Assignment 1 Documentation**

Class: **DISM/FT/2B/21**

Project Focus:

**The API specs would support functionalities such as user registration, publication of product info, insertion of products and user reviews.**

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Date of Submission: 27 July 2022

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# API Documentation

## User

### ENDPOINT: POST /api/register

### ENDPOINT: POST /api/login

### ENDPOINT: GET /api/user/:userid

### ENDPOINT: GET /api/users

### ENDPOINT: PUT /api/user/admin/edit/:userid

### ENDPOINT: POST /api/user/:userid/profile\_pic

## Airport

### ENDPOINT: POST /api/airport

### ENDPOINT: GET /api/airport

### ENDPOINT: GET /api/airport/:airportid

### ENDPOINT: PUT /api/airport/put/:airportid

### ENDPOINT: DELETE /api/airport/delete/:airportid

## Flights

### ENDPOINT: POST /api/flights

### ENDPOINT: GET /api/flights

### ENDPOINT: GET /api/flights/:originAirport/:destinationAirport/:departDate/:returnDate/:type

### ENDPOINT: GET /api/flights/returnonly/:originAirport/:destinationAirport/:departDate/:returnDate/:type

### ENDPOINT: GET /api/flights/:flightid

### ENDPOINT: PUT /api/flights/put/:flighted

### ENDPOINT: PUT /api/flights/flightseatpic/post/:flighted

### ENDPOINT: DELETE /api/flights/delete/:flightid

## Shoppingcart

### ENDPOINT: POST /api/shoppingcart/:userid/:flightid

### ENDPOINT: POST /api/shoppingcart/:userid

### ENDPOINT: POST /api/shoppingcart/del/:shoppingcartid

## Booking

### ENDPOINT: POST /api/booking/:userid/:flightid

### ENDPOINT: GET /api/getbooking/:userid

## Promotion

### ENDPOINT: PUT /api/promotions/cart/update/:cartid

### ENDPOINT: POST /api/promotions/post

### ENDPOINT: GET /api/promotions/get

### ENDPOINT: DELETE /api/promotions/delete/:promotionid

### ENDPOINT: GET /api/promotions/promocode/:promotioncode

### ENDPOINT: GET /api/promotions/promocode

### ENDPOINT: POST /api/promotiontnsf/post

### ENDPOINT: GET /api/promotiontnsf/get/:flightid

### ENDPOINT: GET /api/promotiontnsf/get

### ENDPOINT: PUT /api/promotiontnsf/update/:promotionid

### ENDPOINT: PUT /api/promotiontnsf/update/:promotiontnsfid

# Website features

## Persistent login and logout

Login Page:

Graphical user interface

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After Logged in, Profile page:

Graphical user interface, application

Description automatically generated

After pressing log out button:

Redirected back to the log in page

Graphical user interface

Description automatically generated

## Register User

## Search flights by origin airport, destination airport, departure date, return date. (General Public)

## View flight details

## View profile information for registered members

## Add new flights for admin

## Add new airports for admin

## JWT check for necessary endpoints

## Uploading and displaying image for profile and flight seats

## Add and search promotions for flights

## Shopping cart functionality

## Book flights and check out with payment details

## Edit existing user information for admin

## Edit and delete existing flight information for admin

## Delete existing promotions for admin

## Add new airports for admin

## Add new promotions for admin

## Add new flights for admin