American Travel Bucket List UML Class Diagrams

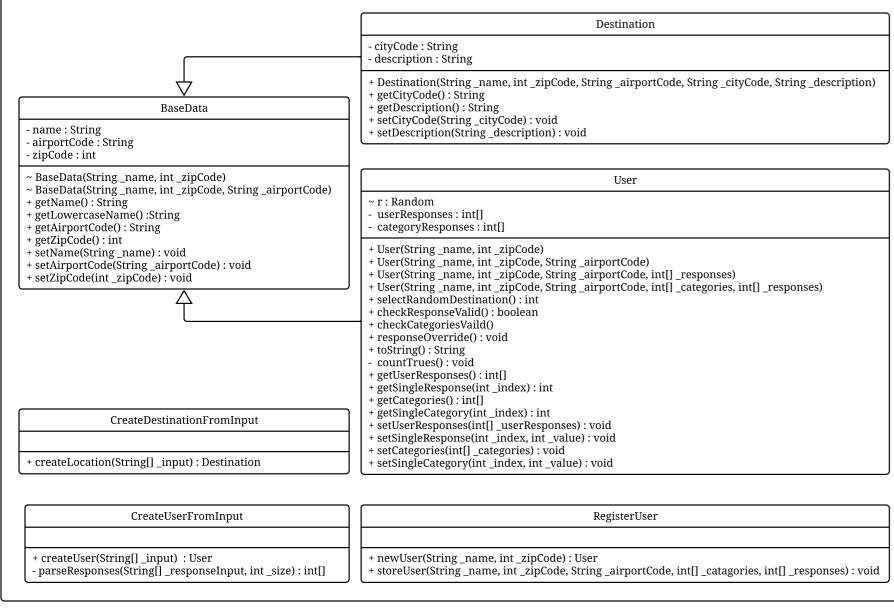
Neo & Wicks Breathtaking Adventure Stephen Hampson | Reagan Berhe | December 8, 2019

API

viewPage VacationTransitionController Main HomeViewController RegisterController fullNameRegField: TextField - displayText : Label - currentUser : User destination: Destination goLoginPage(): void goHome(): void initialize(): void count: int goRegisterPage(): void registerNewUser(): void - save() : void + startIndex : int goAboutUs():void - selectDestination() : void registered : boolean goContactUs(): void - loadLocation(String _name) : void - selection : int getFlightAndHotel(): void NewUserCategoriesController flight : double hotel: double OutdoorInterested: RadioButton About Us ControllerprimaryStage: Stage EntertainmentInterested: RadioButton mainLayout : BorderPane EducationalInterested : RadioButton VacationFinalController MAIN_VIEW_PATH: final String HistoricalInterested: RadioButton LOGINPAGE_PATH: final String - aboutUsCancel(): void locationName : Label CulturalIntereested: RadioButton REGISTERPAGE_PATH: final String - flightCost : Label ABOUTUSPAGE_PATH: final String SubmitResponses(): void hotelPrice: Label COTNTACT_US_PATH: final String description : Label contactUsController CATEGORY_PATH: final String LOCATIONS_PATH: final String initialize(): void fullNameField : TextField NewUserLocationsController TRANSITON_PATH: final String acceptDestination(): void emailAddressField: TextField FINAL_PATH: final String - save() void categoryName : Label companyField : TextField messageField : TextField location0 : Label - start(Stage primaryStage) : void location1: Label + FxmlLoader(String _fxmlFilePath) : void showFullName(): void location2: Label showMainView() : void showEmailField(): void location3: Label showLogin(): void showNameCompanyField(): void location4: Label · showRegister() : void showMessageField(): void · location0Selection1 : RadioButton - showAboutUs() : void goHome(): void location0Selection3 : RadioButton - showContactUs() : void location1Selection1: RadioButton showCategories(): void location1Selection3 : RadioButton · loopCategories() : void LoginController location2Selection1: RadioButton showVacationTransition(): void location2Selection3 : RadioButton showVacationFinal(): void - fullNameLoginField : TextField location3Selection1: RadioButton save() : void location3Selection3: RadioButton main(String[] args) : void loginPageCancel(): void location4Selection1 : RadioButton loginLoginBtn(): void location4Selection3 : RadioButton

initialize(): void

submitResponses(): void



Models

storeUserData(String _name, String _output) : void

checkUser(String _name) : boolean

convertName(String _name) : String

AMADEUS : final int = 1 DEV : final int = 2 CURRENT FLIGHT API: final int CURRENT_HOTEL_API : final int CURRENT_AIRPORT_API: final int getExpectedFlightCost(String _originAirport, String _destinationAirport, String _departureDate): double falloverFlightAPI(String _originAirport, String _destinationAirport, String _departureDate): double getExpectedHotelCost(String _cityCode) : double + falloverHotelAPI(String _cityCode) : double + getAirportCode(double _latitude, double _longitude) : double AmadeusAPI AMADEUS_ID : final String AMADEUS_SECRET : final String AMADEUS : final Amadeus $getExpectedFlightCost(String_originAirport,\ String_destinationAirport,\ String_departureDate): double$ getExpectedHotelCost(String _citycode): double getAirportCode(double _latitude, double _longitude) : String DevAPI getBlackboxResult(int _testType, String _code) : String getExpectedFlightCost(String originAirport, String destinationAirport, String departureDate): double getExpectedHotelCost(String citycode): double getAirportCode(double _latitude, double _longitude) : String getRange(String _filepath, String _code) : double[] blackboxTesting1(String _airportCode): String

blackboxTesting2(String _cityCode): String

APITranslator

+ TRUE : final int = 1 + FALSE : final int = 0 + EMPTY : final int = -1 ORIGIN : final String DESTINATION : final String + DEPARTURE_DATE : final String + TEST_DATE : final String + INPUT_SPLIT : final String RESPONSE_SPLIT: final String ARRAY_START : final int + DATA_ARRAY_NAME : final int + DATA_ARRAY_ZIP : final int + DATA_ARRAY_AIRPORT : final int DATA_ARRAY_CITY : final int + DATA_ARRAY_RESPONSES : final int DATA_ARRAY_CATAGORIES: final int + DATA_ARRAY_DESCRIPTION : final int + STRING_ARRAY_START : final int + AVERAGE_SAMPLE_SIZE : final int + NUMBER_OF_LOCATIONS : final int + RESPONSE_ARRAY_SIZE : final int · CATEGORY_ARRAY_SIZE : final int + LOCATIONS_PER_CATEGORY : final int + USER_FILEPATH : final String LOCATION_FILEPATH : final String + HOTEL_RANGE_FILEPATH : final String + FLIGHT_RANGE_FILEPATH : final String + TXT : final String + OUTDOOR_ADVENTURES : final int ENTERTAINMENT : final int + EDUCATIONAL_ENTERTAINMENT : final int CULTURAL: final int HISTORICAL : final int CURRENT_CATEGORIES : final String[] + CURRENT_LOCATION_FILENAMES : final String[] CURRENT_LOCATION_NAMES : final String[] FLIGHT_TESTING : fiinal int + HOTEL_TESTING : final int

Enumeration

Enumeration

Database DatabaseTranslator LoadData FindLocationFromZip TEXT: final int = 1 CURRENT_USER_DATA: final int ~ loadData(String _FilepathStub, String _name) : String getLatandLong(int _zip) : double[] CURRENT_LOCATION_DATA : final int · loadUserLocations(String _name) : String CURRENT ZIP DATA ~ mapFilename(String _name, int _index) : String checkUser(String _name) : boolean getUserData(String _name) : String getUserLocations(String _name) : String mapFilename(String _name, int _index) : String getLocationData(String _name) : String StoreData getLocationFromZip(int _zip) : double[]

writeFile(String _name, String _output): void

BlackboxTestingClass main(String[] args : void blackboxTesting1(User _user, ArrayList _correct) : String

Testing