Team Meetings Contribution

-Nikita Ciuciu, Julia Udvari-

Meetings

* 18th Nov: In person meeting; to discuss which Case Study is the best to do. Finally decided to do “Car Hire Company” as we instantly resonated with the idea of a car renting system.
* 19th Nov: In person meeting; Sat down and carefully read through the brief so we each understand the requirements clearly to avoid any confusion during the make of project.
* 20th Nov: In person meeting; We analysed our individual schedules e.g. work etc. to decide upon deliverables 5 & 6…do we want an A grade attempt?
* 21st Nov: In person meeting; We analysed which part of the project we can both do, based on our abilities and understanding of that task. We broke the tasks down into bullet points ready for us to get started with.
* 23rd Nov: Discord meeting; a discussion upon deciding which software to use for creating the UML diagram so we are both using the same app in case we run into problems or confusions.
* 24th Nov: In person meeting to summarise how to create the relationships in the UML diagram: 1 to many, implementations, and extends so we both get a good recap when it comes to create and design the UML to avoid any confusion and get both partners to move along at the same pace.
* 26th Nov: In person meeting to take both of our created packages and re-read over them thoroughly to spot any mistakes or things we missed out.

Contributions

***Use Case Text Summary***

***Actors***

* Julia: created the 5 actors needed for the project based off of a car renting system. Delivered to the team 21st Nov.

***Use Cases***

* Julia: created the Use Cases for the Costumer actor. Delivered to the team 21st Nov.
* Julia: created the Use Cases for the Admin actor. Delivered to the team 21st Nov.
* Nikita: created the Use Cases for the System actor. Delivered to the team 21st Nov.
* Nikita: created the Use Cases for the Maintenance Staff actor. Delivered to the team 21st Nov.
* Julia: created the Use Cases for the Accountant actor. Delivered to the team 21st Nov.

***UML Diagram (using Visual Paradigm)***

Packages contribution to design

* Nikita: designed the Users package in the UML diagram using Visual Paradigm. Delivered to the team 23rd Nov.
* Julia: designed the Vehicles package in the UML diagram using Visual Paradigm. Delivered to the team 23rd Nov.
* Julia: designed the Transactions package in the UML diagram suing Visual Paradigm. Delivered to the team 24th Nov.
* Nikita: designed the FleetManagement package in the UML diagram using Visual Paradigm. Delivered to the team 24th Nov.
* Nikita: created the final version of the UML diagram after the meeting on 26th to check if everything is correct and up to high standards. Delivered to the team 26th Nov.

***Contributions to Coding the UML***

* Julia: > Transactions package; wrote the code for the following java classes*: abstract totalPrice.java, Booking.java, Enum PaymentMethod.java, Invoice.java* and *Payment.java*. Delivered to the team 27th Nov.
* Nikita: > Transactions package; wrote the code for the following java classes: *Discount.java*. Delivered to the team 27th Nov.
* Julia: > Vehicles package; wrote the code for the following classes: abstract *MotorVehicle.java, interface Vehicle.java, Enum TrailerType.java, Car.java* and *final Truck.java*. Delivered to the team 28th Nov.
* Nikita: > FleetManagement package; wrote the code for the following java classes: *interface FleetManager.java, FleetManagerUser.java, Fleet.java*. Delivered to the team 27th Nov.
* Nikita: >Users package; wrote the code for the following classes: *AdminUser.java, MaintainanceUser.java, Costumer.java, abstract User.java, interface Admin.java, Maintainance.java*. Delivered to the team 28th Nov.

***Main method (showing contributions by the commented parts on the main method)***

* Nikita: instantiating and initializing the costumer object.
* Nikita: instantiating and initializing the car object.
* Julia: added the car to fleet in the main method.
* Nikita: // The customer views available cars
* Julia: // The customer books a car.
* Julia: // The admin views all bookings, and // The customer returns the car.
* Nikita: // The admin marks the booking as returned and // The system updates the car status, and // The system calculates the rental price.
* Julia: // The system sends a booking confirmation message, // The system sends an invoice to the customer
* Nikita: // The maintenance staff inspects and repairs the car. and // The maintenance staff updates the car status.