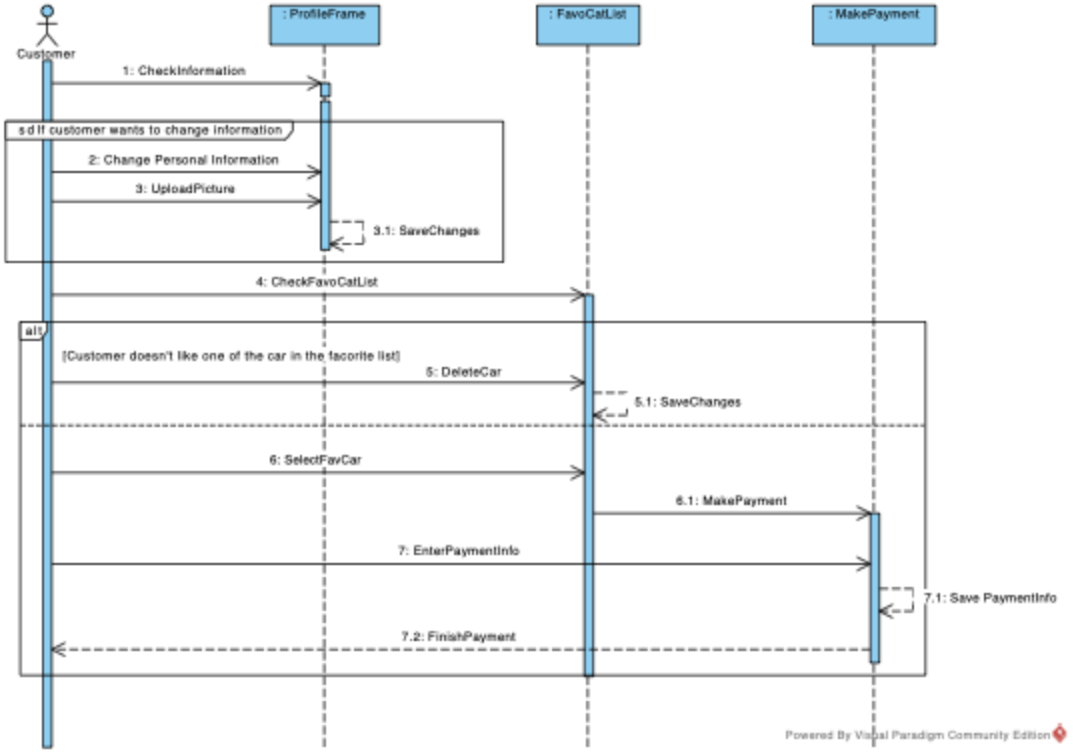
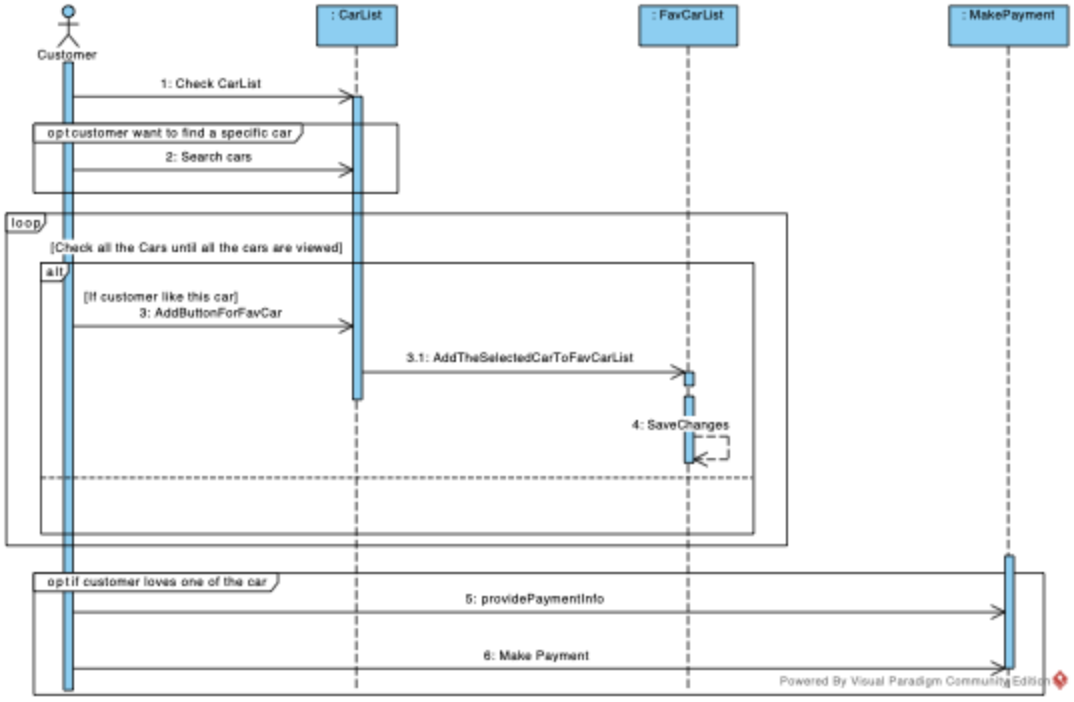
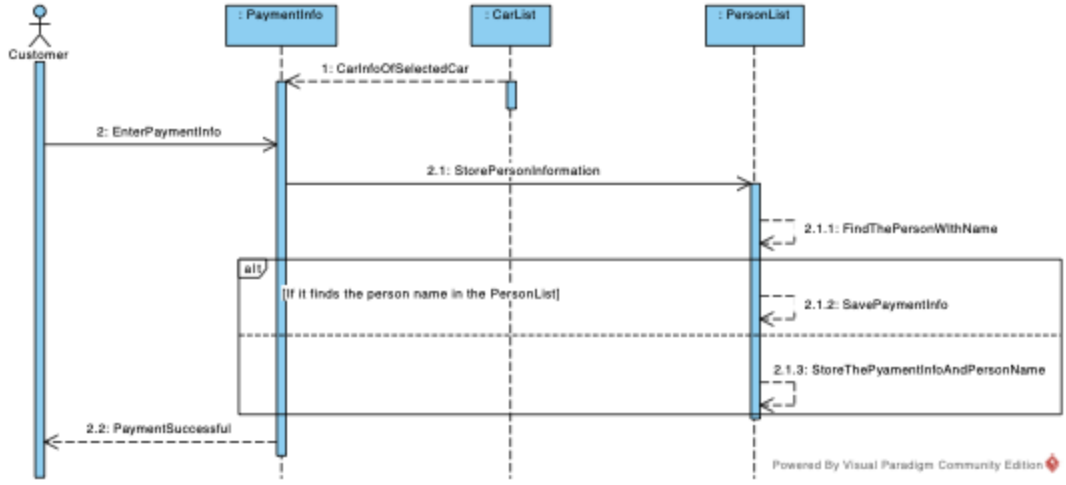
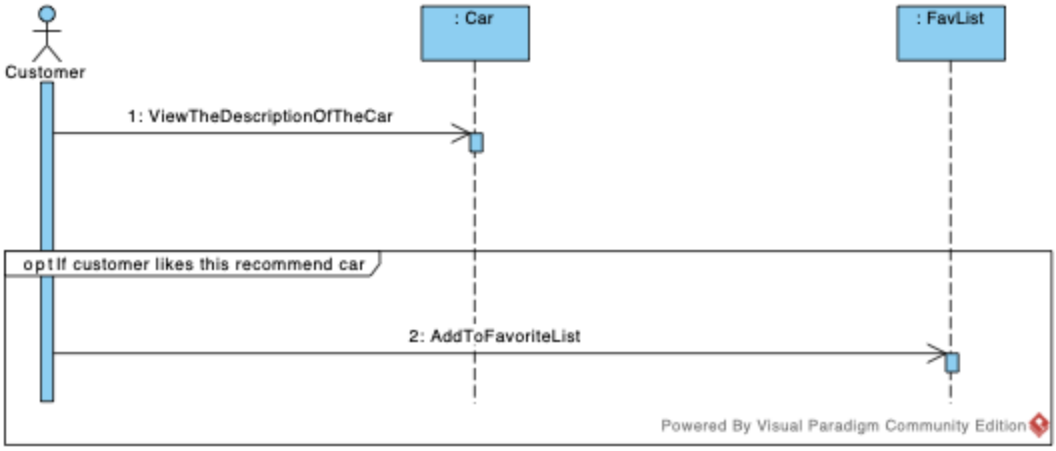
Team Name: Team Panda
Team Member: Yanjie Ning & Peiyao Chang

1. SD Diagram from Peiyang Chang:

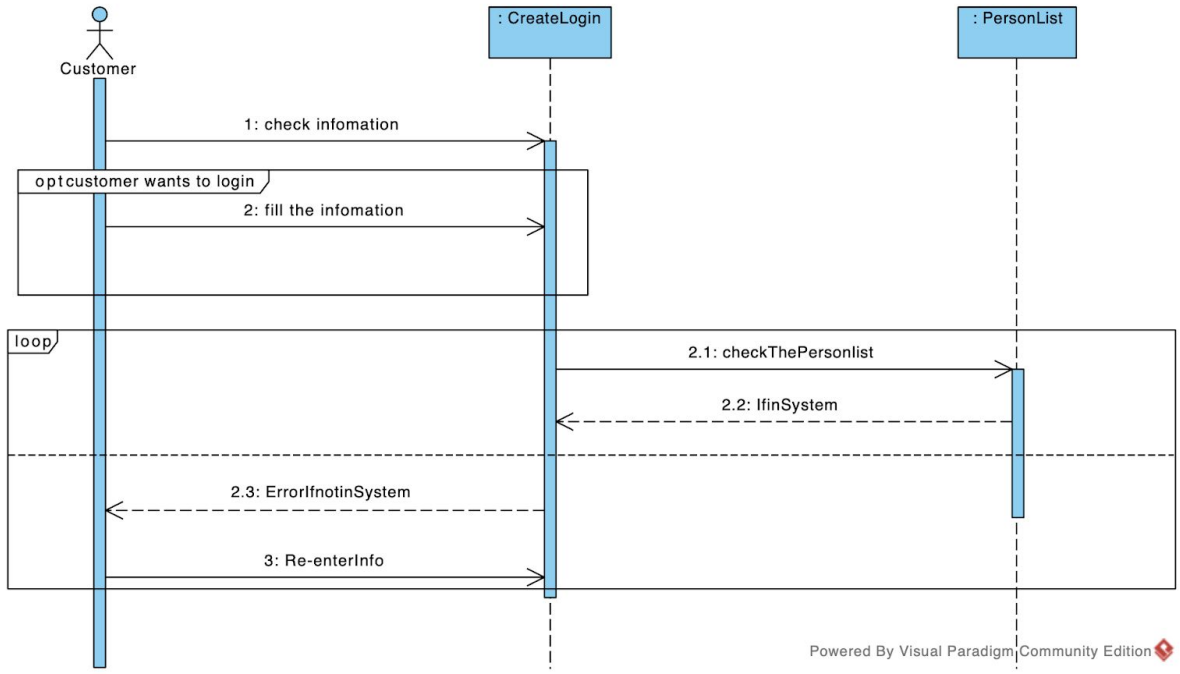


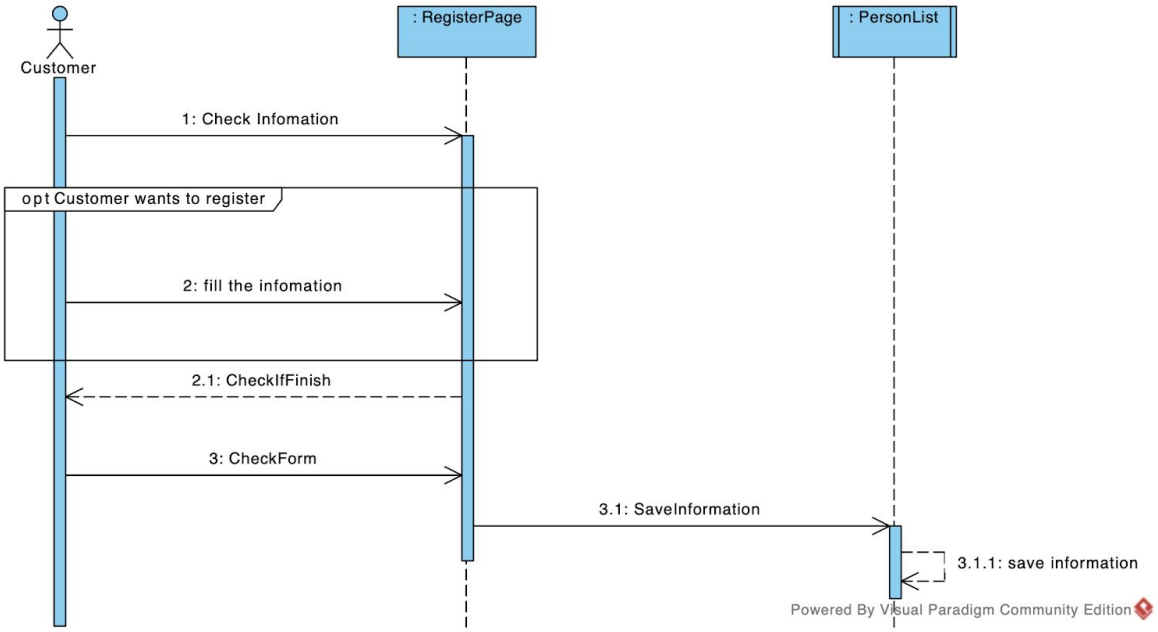

Customer
: CarList
: FavCarList
: MakePayment
1: Check CarList
opt customer want to find a specific car
2: Search cars
loop
[Check all the Cars until all the cars are viewed]
alt
[If customer like this car]
3: AddButtonForFavCar
3.1: AddTheSelectedCarToFavCarList
4: SaveChanges
opt if customer loves one of the car
5: providePaymentInfo
6: Make Payment
Powered By Visual Paradigm Community Edition

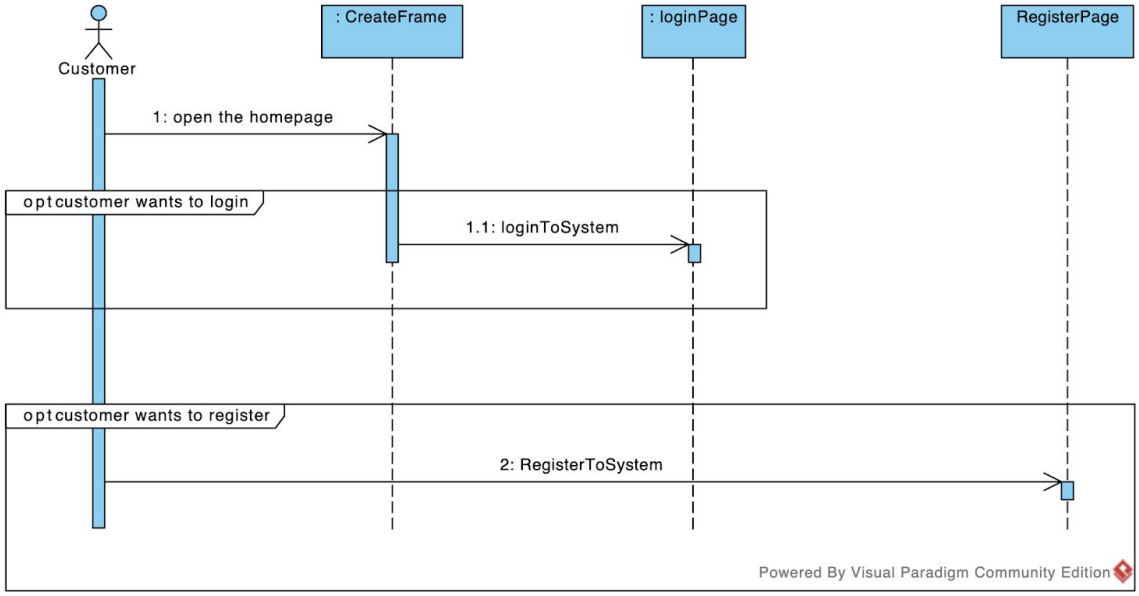

Customer
: PaymentInfo
: CarList
: PersonList
1: CarInfoOfSelectedCar
2: EnterPaymentInfo
2.1: StorePersonInformation
2.1.1: FindThePersonWithName
alt
[If it finds the person name in the PersonList]
2.1.2: SavePaymentInfo
2.1.3: StoreThePyamentInfoAndPersonName
2.2: PaymentSuccessful
Powered By Visual Paradigm Community Edition


Customer
: Car
: FavList
1: ViewTheDescriptionOfTheCar
opt If customer likes this recommend car
2: AddToFavoriteList
Powered By Visual Paradigm Community Edition

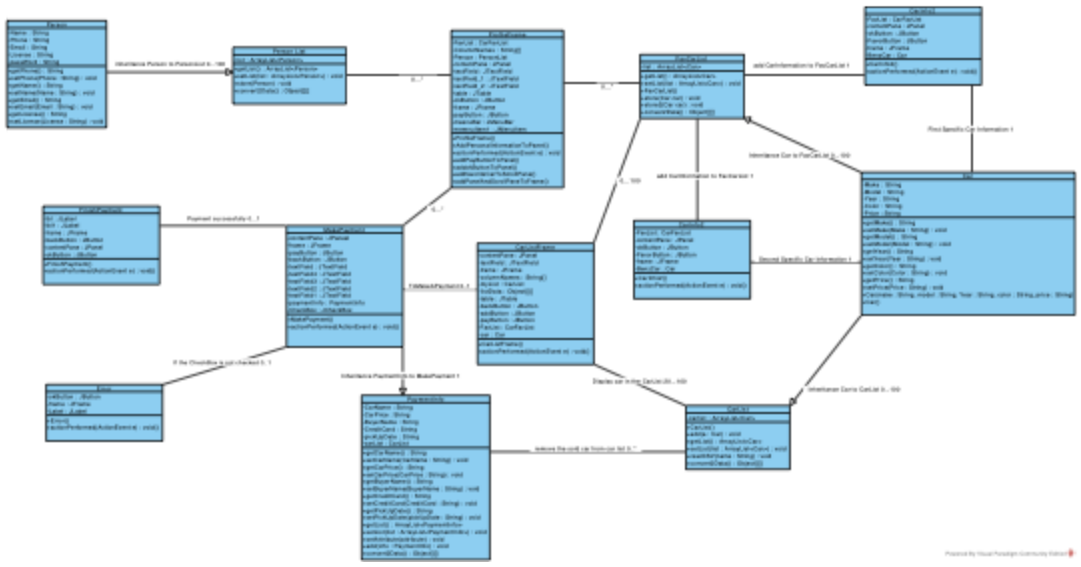
Yanjie Ning


Customer
: CreateLogin
: PersonList
1: check infomation
opt customer wants to login
2: fill the infomation
loop
2.1: checkThePersonlist
2.2: IfinSystem
2.3: ErrorIfnotinSystem
3: Re-enterInfo
Powered By Visual Paradigm Community Edition

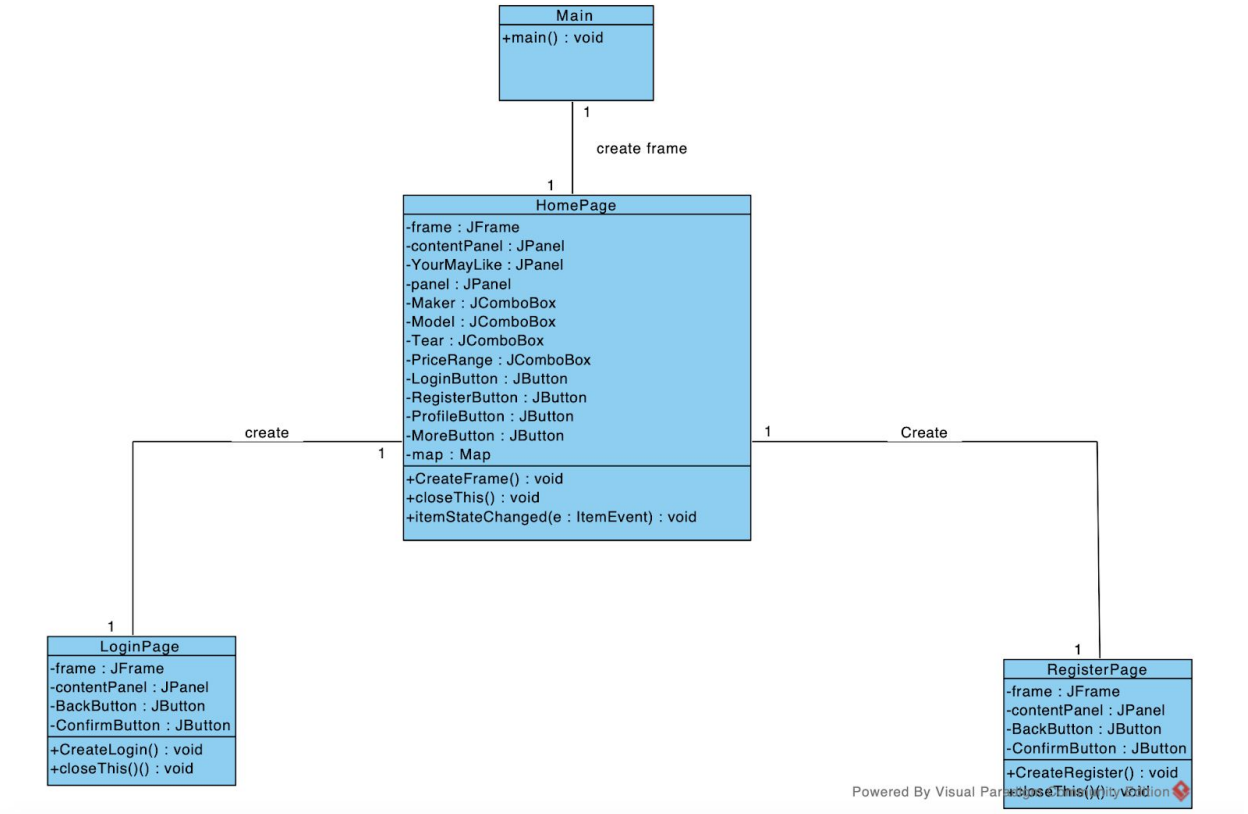




2. Class Diagram from Peiyang Chang :



Yanjie:


Main
+main() : void
1
create frame
1
HomePage
-frame : JFrame
-contentPanel : JPanel
-YourMayLike : JPanel
-panel : JPanel
-Maker : JComboBox
-Model : JComboBox
-Tear : JComboBox
-PriceRange : JComboBox
-LoginButton : JButton
-RegisterButton : JButton
-ProfileButton : JButton
-MoreButton : JButton
-map : Map
+CreateFrame() : void
+closeThis() : void
+itemStateChanged(e : ItemEvent) : void
create
1
1
Create
1
1
LoginPage
-frame : JFrame
-contentPanel : JPanel
-BackButton : JButton
-ConfirmButton : JButton
+CreateLogin() : void
+closeThis()() : void
1
RegisterPage
-frame : JFrame
-contentPanel : JPanel
-BackButton : JButton
-ConfirmButton : JButton
+CreateRegister() : void
+closeThis()() : void
Powered By Visual Paradigm Community Edition

3. Test coverage plan :

1. ProfileFrame Test
   a) Check if the upload button can upload pictures
   b) Check if the save in the menu can save the changes for the personal information
   c) Check if the information changed in the PersonList after "save" in the menu has been executed.
   d) Check if the favorite car list has the customers' favorite cars.
   e) Check if the delete button can delete favorite car in the favorite car list.
   f) Check if the pay button can move to the payment page
   g) Check if the ok button can move back to main page
2. CarList Frame Test
   a) Check if "search" is working to search car with specific key words
   b) Check if all cars information from csv file are in the scroll pane
   c) Check if the add button can add selected car into favorite car list
   d) Check if the pay button can move to the payment page
   e) Check if the ok button can move back to main page
3. Recommend Car Frame Test
   a) Check if the add button can add selected car into favorite car list
   b) Check if the ok button can move back to main page
4. PaymentPage Test
   a) Check if the car names and car price are match to the selected car form the car list
   b) Check if the buyer information can store into the person list
   c) Check if submit button can submit the payment information
   d) Check if the checkbox work
   e) Check if checkbox is not checked will pop out a screen (error screen)
   f) Check if the back button can move back to main page

1. HomePage Test
    a) check if login button can jump to login page
    b) check if register button can jump to register page
    c) check if profile button can jump to profile page
    d) check if the combo box would show different items
    e) check if second combo box would change if the first one changed
    f) check if the more cars button can jump to car list page
    g) check if clicking Audi picture can jump to CarInfo1 page
    h) check if clicking Benz picture can jump to CarInfo2 page

2. loginPage Test
    a) check if the text area is editable
    b) check if the ok button can jump to home page
    c) check if the back button can jump to home page

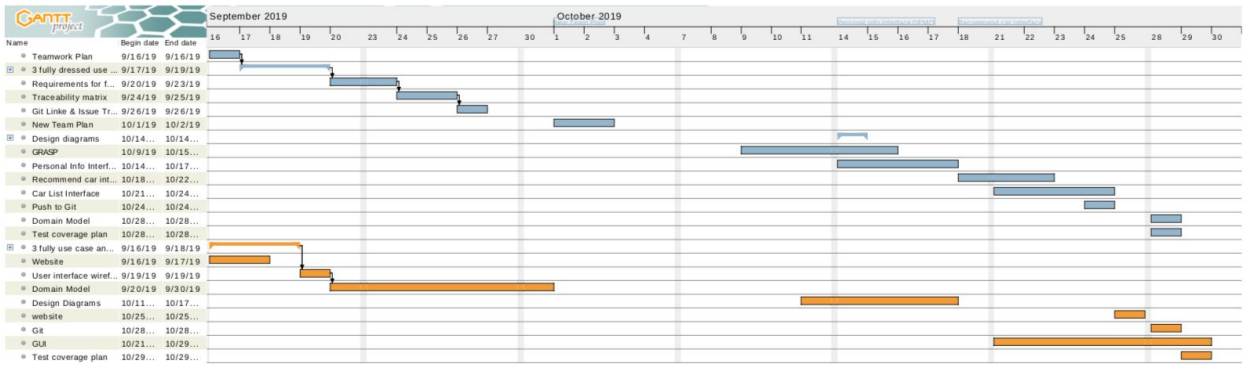
2. RegisterPage Test
    a) check if the text area is editable
    b) check if the ok button can jump to home page
    c) check if the back button can jump to home page

4. Git : https://github.com/teamPanda1/Iteration2.git

We didn't push files to the new repository in the first place. But we create a new repository named Iteration2.

https://github.com/teamPanda1/SE-Iteration-1.git

5. Gantt Timeline:



6. suggested point redistribution: even