

SOFTWARE ENGINEERING DOCUMENTATION ON PROJECT

DAC– February 2020

1. Names of the Project Team Members

Sr.No.	Name	Roll No.
1.	Yugant Prakash Kadu	200250120113
2.	Ekta Singh	200250120029
3.	Vaibhav Prakash Dhabekar	200250120103
4.	Pritam Hemantrao Raut	200250120070

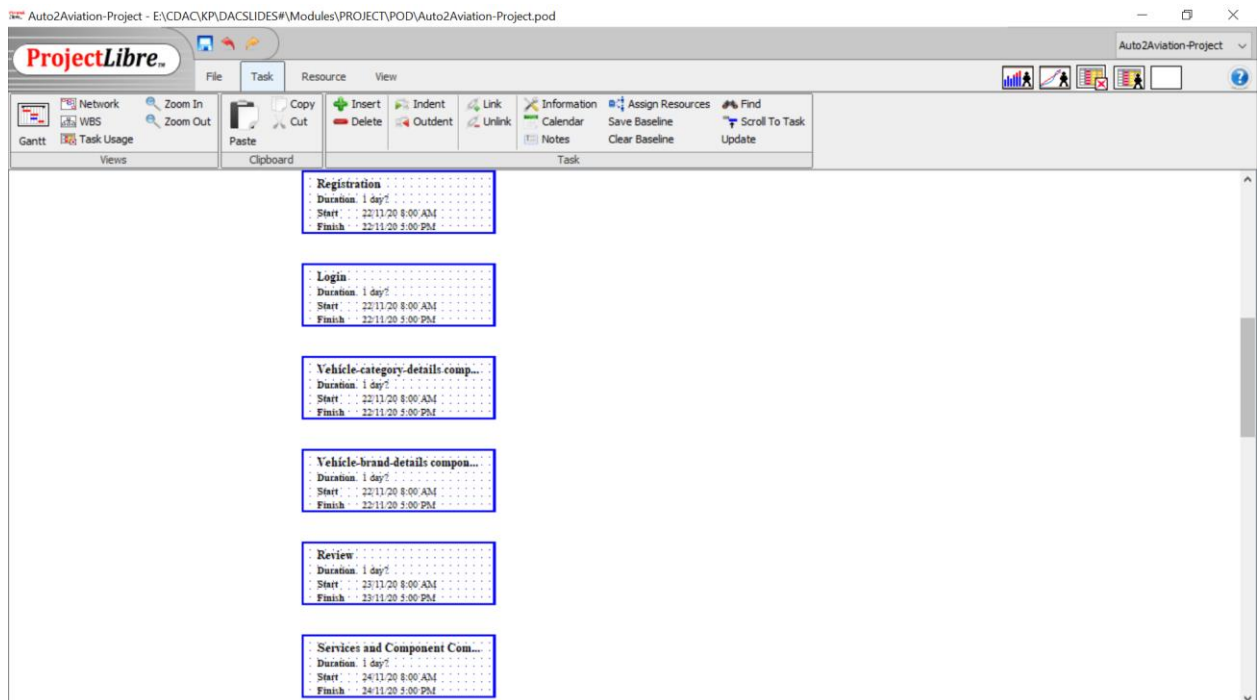
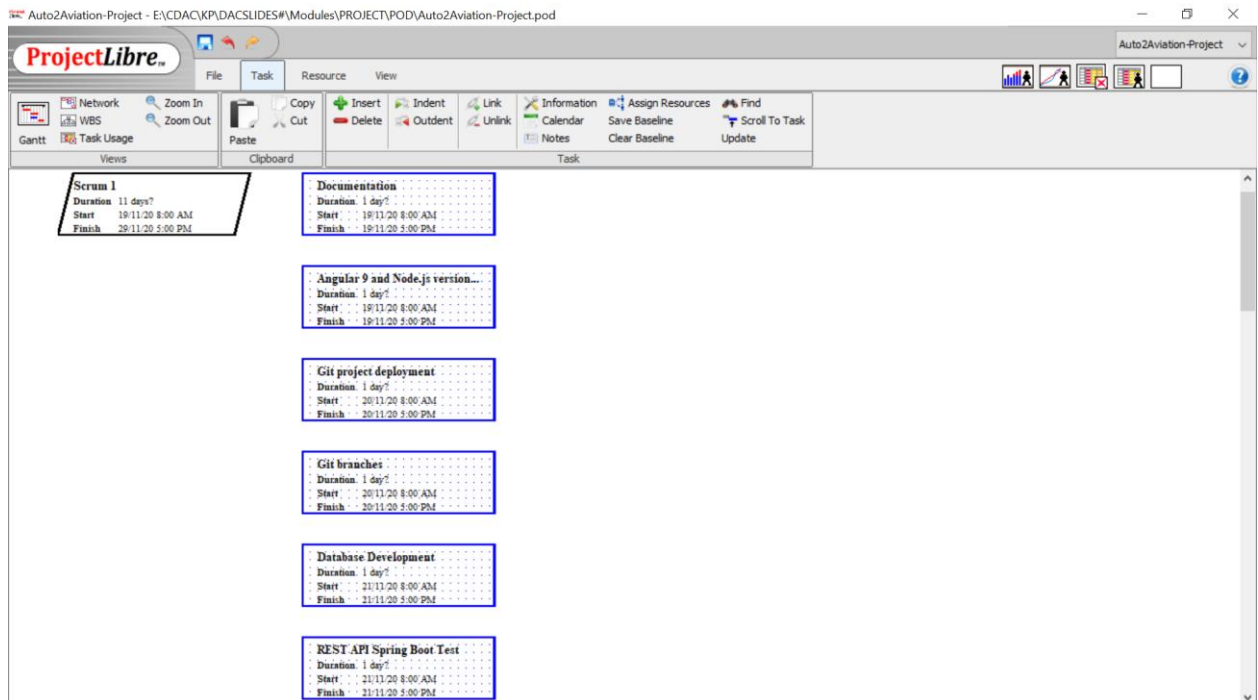
2. Title of the Project (*Project Title is Renamed)

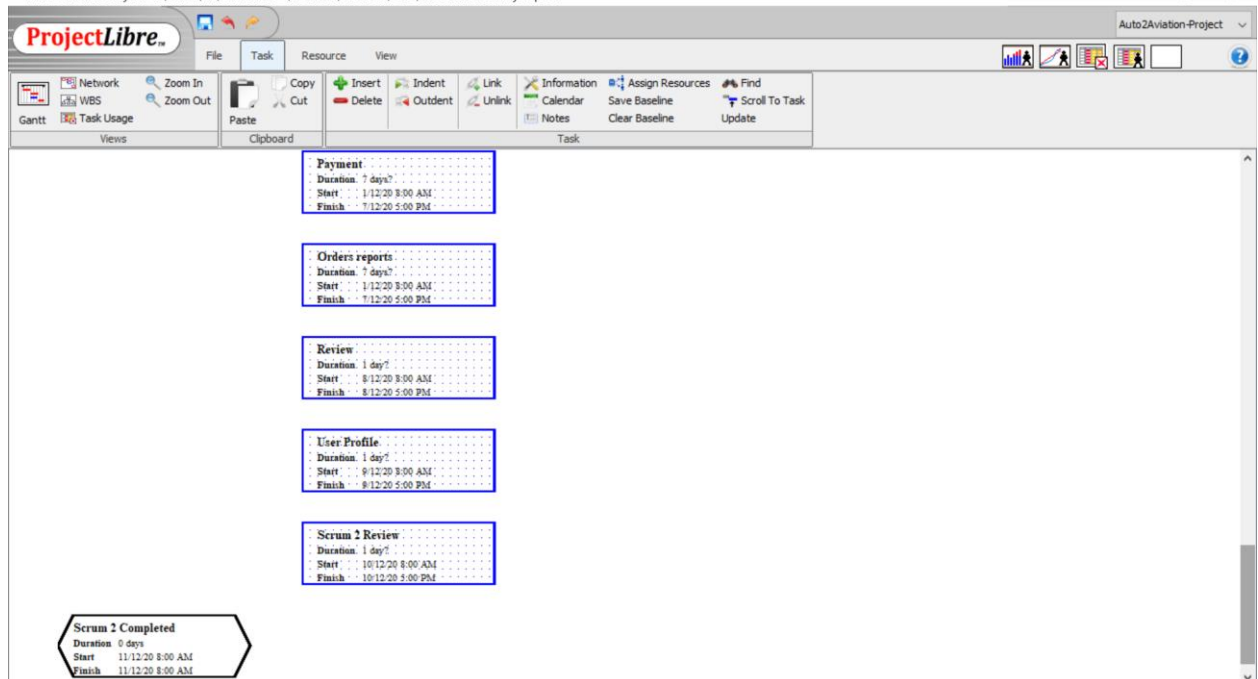
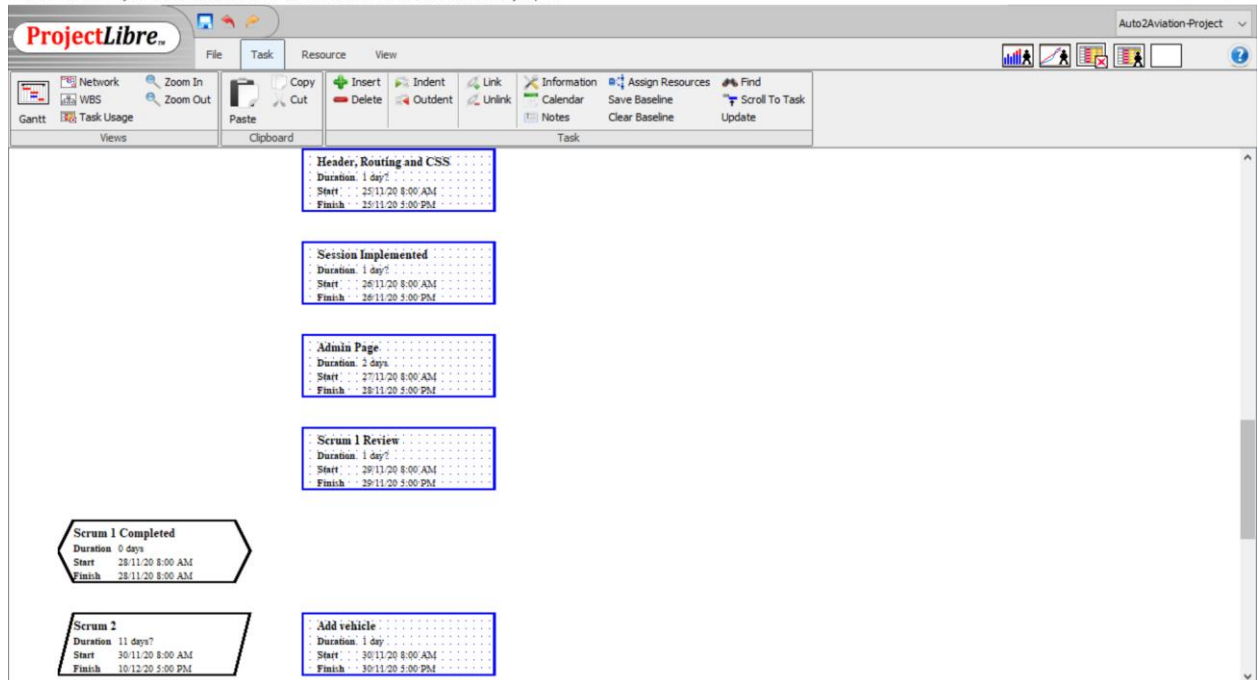
Auto2Auto: Online Vehicle Dealing Application

3. Brief Description of the Project

1. Auto2Auto is an Online Vehicle Dealing Application based on B2B E-Commerce, or Business to Business Electronic Commerce business model.
2. This platform establishes online business dealing of vehicle between two entities.
3. The main objective of this application is to channel direct online dealing with Retailer and Manufacturer of vehicle without engaging with other partners like Wholesaler, Distributor, Agent or Broker.
4. The features or functions like Authentication, Authorization, Product exploration and Payment Gateway will be implemented for development of this online dealing application.
5. So, our project aims at creating a web application which tracks or monitors retailer and manufacturer records, online booking, vehicle records, and generate reports.
6. It will provide easy to use web-based interface for customers where customers can search for vehicles, view a complete detail like models, features, pricing, stock of the vehicles and book the vehicles.
7. A customer will then explore product, place an order and pay the payment.

4. Sprints





Scrum 1	
Duration	11 days?
Start	19/11/20 8:00 AM
Finish	29/11/20 5:00 PM

Day 1 Documentation

Documentation	
Duration	1 day?
Start	19/11/20 8:00 AM
Finish	19/11/20 5:00 PM

1. Documentation of this project was held with the discussion on Title of project, Requirements, and Sprints.

Day 2 Angular 9 and Node.js version Setting

Angular 9 and Node.js version...	
Duration	1 day?
Start	19/11/20 8:00 AM
Finish	19/11/20 5:00 PM

Setting up the versions for Angular9 and Node.js was completed with following versions:

1. Angular9 : npm install -g @angular/cli@9.1.12
2. Node.js : nvm install 14.15.1

Day 3 Git project deployment

Git project deployment	
Duration	1 day?
Start	20/11/20 8:00 AM
Finish	20/11/20 5:00 PM

1. Created Git accounts for individual Team members
2. Further we distinguished and selected Angular for frontend and SpringBoot for Backend and went for Git push.
3. Collaborator access granted to all Team members.

Day 4 Git Branches

Git branches	
Duration	1 day?
Start	20/11/20 8:00 AM
Finish	20/11/20 5:00 PM

1. Branches for Each team member created.
2. Collaborator with respective Branches is given authorization.

3. One branch for Documents and POC generated.

Day 5 Database Development

Database Development	
Duration:	1 day?
Start	21/11/20 8:00 AM
Finish	21/11/20 5:00 PM

1. Schema for database was developed
2. Developed the database in MySQL.

Day 6 Rest API Spring Boot Test

REST API Spring Boot Test	
Duration:	1 day?
Start	21/11/20 8:00 AM
Finish	21/11/20 5:00 PM

1. Tested the Rest API of Spring Boot with Postman according to POC
2. Testing function such as insert , update , findAll() etc.
3. Post Mapping and Get Mapping are tested using URLs.

Day 7 Registration

Registration	
Duration:	1 day?
Start	22/11/20 8:00 AM
Finish	22/11/20 5:00 PM

1. Webservices in spring boot for Registration are implemented and stored the Details of registered user in the Database and tested it with Postman
2. Implemented Front End for Registration by using Angular
3. Generated user-registration component.
4. Created Service component and Model for Registration

Day 8 Login

Login	
Duration:	1 day?
Start	22/11/20 8:00 AM
Finish	22/11/20 5:00 PM

1. Webservices in spring boot for Login are implemented and fetched the Details of

registered user from Database and tested it with Postman

2. Implemented the Front End for Login by using Angular
3. Generated user-login component.
4. Created Service component and Model for Login

Day 9 Vehicle-category-details-Components

Vehicle-category-details comp...	
Duration	1 day?
Start	22/11/20 8:00 AM
Finish	22/11/20 5:00 PM

1. Webservices in spring boot for Vehicle-category-details are implemented and fetched the details of all the category of vehicle from Database and tested it with Postman
2. Implemented the Front End for Vehicle-category-details component by using Angular
3. Generated Vehicle-category-details component.
4. Created Service component and Model for Vehicle-category-details

Day 10 Vehicle -brand-details-components

Vehicle-brand-details compon...	
Duration	1 day?
Start	22/11/20 8:00 AM
Finish	22/11/20 5:00 PM

1. Webservices in spring boot for Vehicle-brand -details are implemented and fetched the details of all the category of vehicle from Database and tested it with Postman.
2. Implemented the Front End for Vehicle-brand -details component by using Angular
3. Generated Vehicle-brand -details component.
4. Created Service component and Model for Vehicle-brand -details

Day 11 Review

Review	
Duration	1 day?
Start	23/11/20 8:00 AM
Finish	23/11/20 5:00 PM

Day 12 Services and Component Completion

Services and Component Com...
Duration: 1 day?
Start: 24/11/20 8:00 AM
Finish: 24/11/20 5:00 PM

5. Completed Service component and Model for above components

Day 13 Header, Routing and CSS

Header, Routing and CSS
Duration: 1 day?
Start: 25/11/20 8:00 AM
Finish: 25/11/20 5:00 PM

1. Routes were generated for each component and later linked with Header and required code
2. Design section was implemented using CSS.

Day 14 Session Implemented

Session Implemented
Duration: 1 day?
Start: 26/11/20 8:00 AM
Finish: 26/11/20 5:00 PM

1. Session required for login was implemented.
2. Stored the session in local storage with username and usertype.

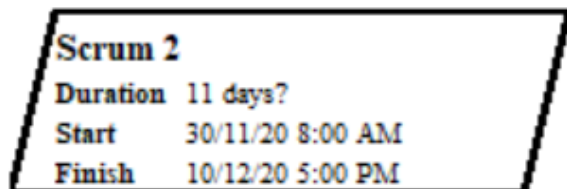
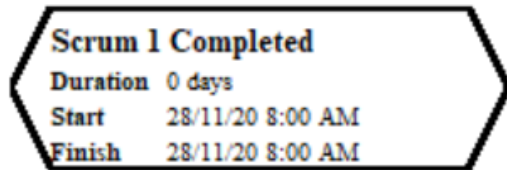
Day 15 Admin Page

Admin Page
Duration: 2 days
Start: 27/11/20 8:00 AM
Finish: 28/11/20 5:00 PM

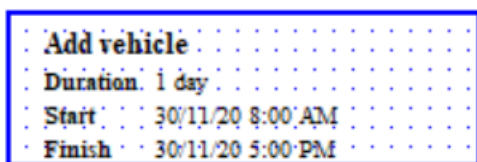
1. Admin page was created where admin can manage products and orders, offer discounts, interact with the users and much more.

Day 16 Scrum 1 Review

Scrum 1 Review
Duration: 1 day?
Start: 29/11/20 8:00 AM
Finish: 29/11/20 5:00 PM

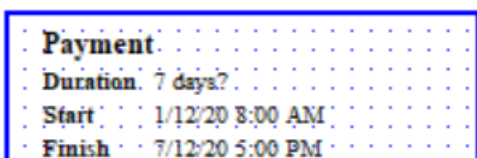


Day 1 Add vehicle



1. Webservices in spring boot for Add-Vehicle-component will be implemented and will be inserted the details of vehicle into the Database and tested it with Postman
2. Will be implementing the Front End for Add-Vehicle-component by using Angular
3. Will be generating Add-Vehicle-component.
4. Service component and Model for Add-Vehicle-component will be created.

Day 2 Payment



1. Implementing Payment Gateway using .NET and fetching the details of ordered Product and inserting the payment details into the Database
2. Front End for Payment is implemented in .NET MVC.
3. Service Controller and Model for payment will be Created.

Day 3 Orders report

Orders reports	
Duration	7 days?
Start	1/12/20 8:00 AM
Finish	7/12/20 5:00 PM

1. Will be implementing Webservices in spring boot for Order page and fetching the details of all the order Details of vehicle from Database and Test it with Postman
2. Will be implementing the Front End for order-component by using Angular
3. Will be generating order-component.
4. Service component and Model for order-component will be created.

Day 4 Review

Review	
Duration	1 day?
Start	8/12/20 8:00 AM
Finish	8/12/20 5:00 PM

1. We are Checking the Working of all code
2. Modify Code if needed.
3. Then push code by all the team member and merge the code into the main branch.

Day 5 User Profile

User Profile	
Duration	1 day?
Start	9/12/20 8:00 AM
Finish	9/12/20 5:00 PM

1. Implementing the User-profile Page.
2. Firstly, we are implemented Webservices in spring boot for User-profile page and fetch the details of all the order Details of vehicle from Database and Test it with Postman
3. Will be implementing the Front End for user-profile-component by using Angular
4. Will create user-profile-component.
5. Service component and Model for user-profile-component will be created

Day 6 Scrum 2 Review

Scrum 2 Review	
Duration	1 day?
Start	10/12/20 8:00 AM
Finish	10/12/20 5:00 PM

Scrum 2 Completed	
Duration	0 days
Start	11/12/20 8:00 AM
Finish	11/12/20 8:00 AM

Database Schema

