

M. Hamza Shahid

82-K40738

COMP 220 A

Finals

(Q2)

a) This project is primarily meant to assist auto businesses in maintaining records such as lubricants, stock, billing and payments of staff and customers. It will help to reduce the auto store's burden and will save a lot of time for them. Their previous software were not able to handle ~~inventories~~, inventory and other difficulties were present so, using our project we tried to overcome their issues. It will help them solve the problems they experienced while executing their jobs. We are automating a car mechanics shop which can maintain and smooth their daily schedule and life while driving the exhibition of their vehicles. It will save them energy, and will be effective. Every customer can easily reach out to their ideal ride. It will

M. Hamza Shahid
22-1440738

also maintain the track record of the next servicing time.

b) Software architecture we used were XP and spiral. Spiral has many advantages in specif areas like it makes risk handling easy, we can change requirements easily. Customer gets satisfied as software is produce early in software life cycle. XP also helped in many things like frequent and continuous testing of software. Unit testing can be easily done as there is pair programming. One will code, other will recheck for errors. So, these two architecture made our life easy.

M. Hamza Shahid
22-1440738

C) Test Case ID: TC-1

Test Case Name: LOGIN

Test Case Priority: User must have to login using email, password to access system.

Test Case Pre-requisite: Nothing

Test Case Post-requisite: User must login

Sr. No	Action	Input	Expected Output	Actual	Comment
01	Input Email Password	Email Password	logs in to the system	logs into System	working

Test Case ID: TC-2

Test Case Name: Vehicle Info

Test Case Priority: User must be logged in.

Test Case Pre-req: ~~Nothing~~ User must login-TC-1

Test Case Post-req: nothing

Sr. No	Action	Input	Expected Output	Actual output	Comment
02	name and car specs	name and car specs	refers the stock for required quantity	Error	Not working