

Software Engineering Assignment 1

Q1

a) Define your project.

Inventory management has become an important factor in the modern business field. This system should help the businessmen to streamline the administrative task and provide real-time access to the data. Building this system in standalone application interface will further help the ease of accessibility through the provided portal. The study findings enable the definition of the project problem statement, its objectives, scopes and advantages of the inventory management system

b) Define the goals and objectives of your project.

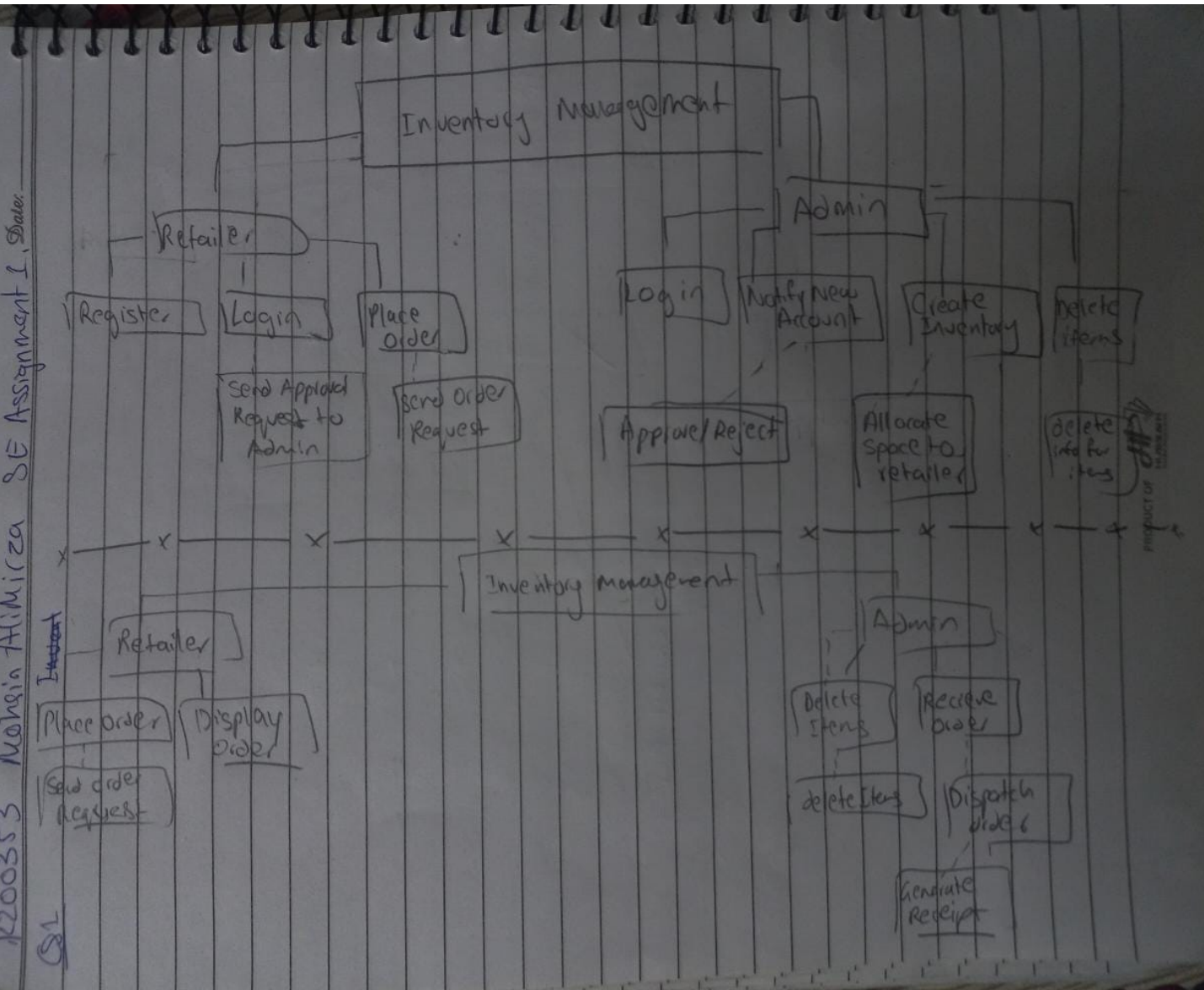
- Userfriendly UI
- website development
- track of inventory
- let stakeholders manage their inventory by letting them add /delete a product
- or upgrade the details of their product
- verifying stakeholders before assigning them inventory

c) Scope of your work.

The requirements for the Inventory Management System are covered in this paper. The system's users will be able to carry out a number of tasks related to saving, marinating, updating, and retrieving Product information using this software, which will offer a graphical interface. This will serve as a guide for developers as they choose a design that can support the full-scale application. This system will record data on the products, their quantities, and the personal information of the customer. Fast and accurate storing, updating, and retrieval

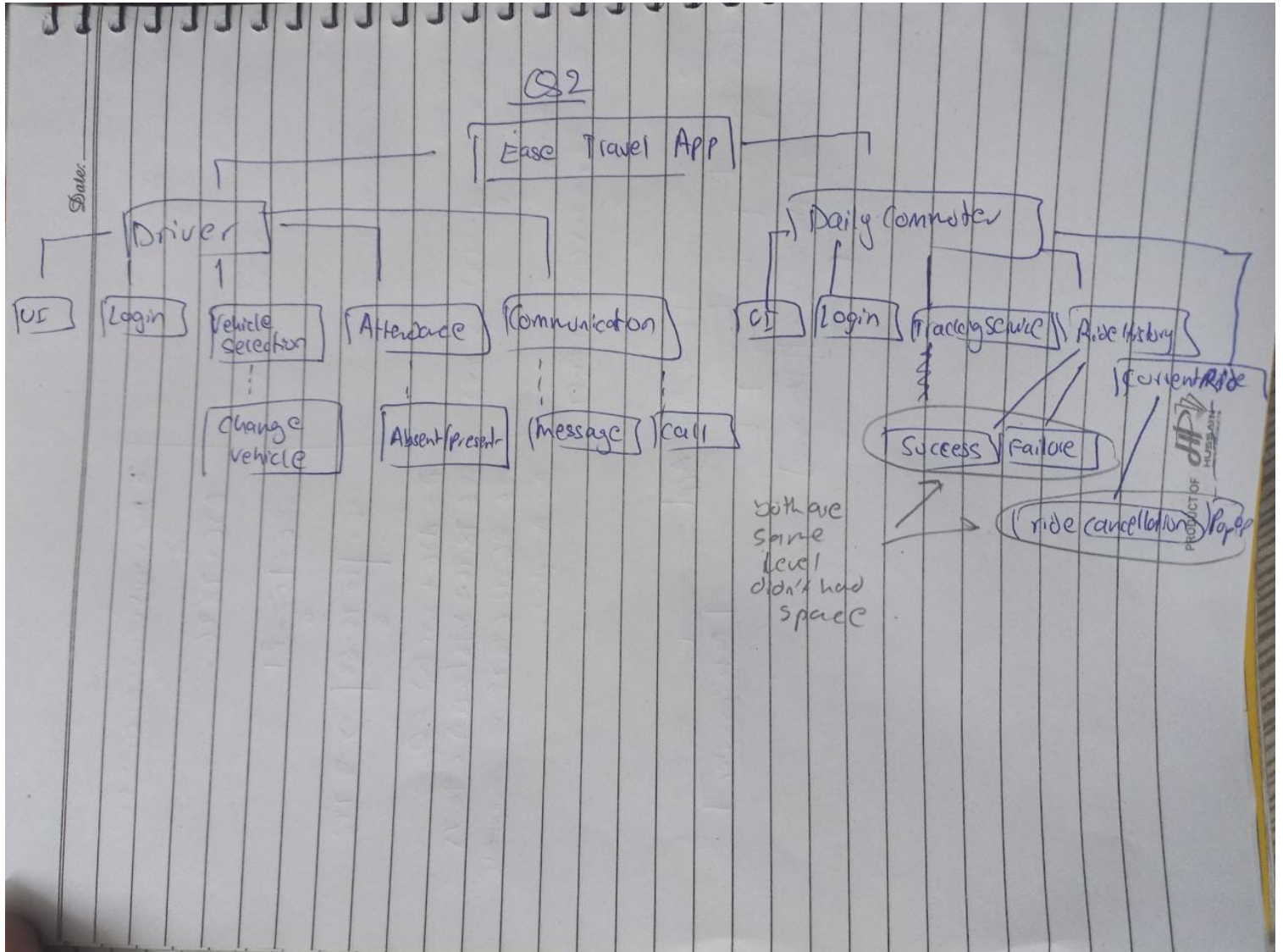
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d) Create a Work breakdown Structure as per your requirements.



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Q2



Software Engineering Assignment 1

Q3

Date: _____

Q3

$\bar{a} \quad WE = \frac{P+O+4B}{6}$	$\bar{b} \quad ASE = \frac{71.5+80.5+69.67+94.17}{4}$
For Ali	$ASE = 78.96$
$WE = \frac{62+87+4(70)}{6} \Rightarrow 71.5$	$\bar{c} \quad SE = \frac{ \bar{O}_p - \bar{P} }{6}$
For Zain	$SE = \frac{ 90.75 - 68 }{6} \Rightarrow 3.792$
$WE = \frac{72+4(80)+91}{6} \Rightarrow 80.5$	$\bar{P} \leq ASE \pm 1.96(SE) \leq \bar{O}_p$
For Shan	$68 \leq 78.96 \pm 1.96(3.792) \leq 90.75$
$WE = \frac{50+88+4(70)}{6} \Rightarrow 69.67$	$68 \leq 86.392 \leq 90.75 \quad \checkmark \text{ Acceptable}$
For Hassan	$(H_0: \text{Accepted})$
$WE = \frac{88+97+4(95)}{6} \Rightarrow 94.17$	