SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act 1956)

School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

Experiment No	5
Title of Experiment	Prepare Work breakdown structure, Timeline chart, Risk identification table
Name of the candidate	Pulipaka Prabhav
Team Members	M. Sai Praneeth Yadav, CH. Bharadwaj Karthik
Register Number	RA2111032010034
Date of Experiment	23-02-2023

Mark Split Up

S.No	Description	Maximum Mark	Mark Obtained
1	Exercise	5	5
2	Viva	5	5
	Total	**10**	10

29/3/2023
Staff Signature with date

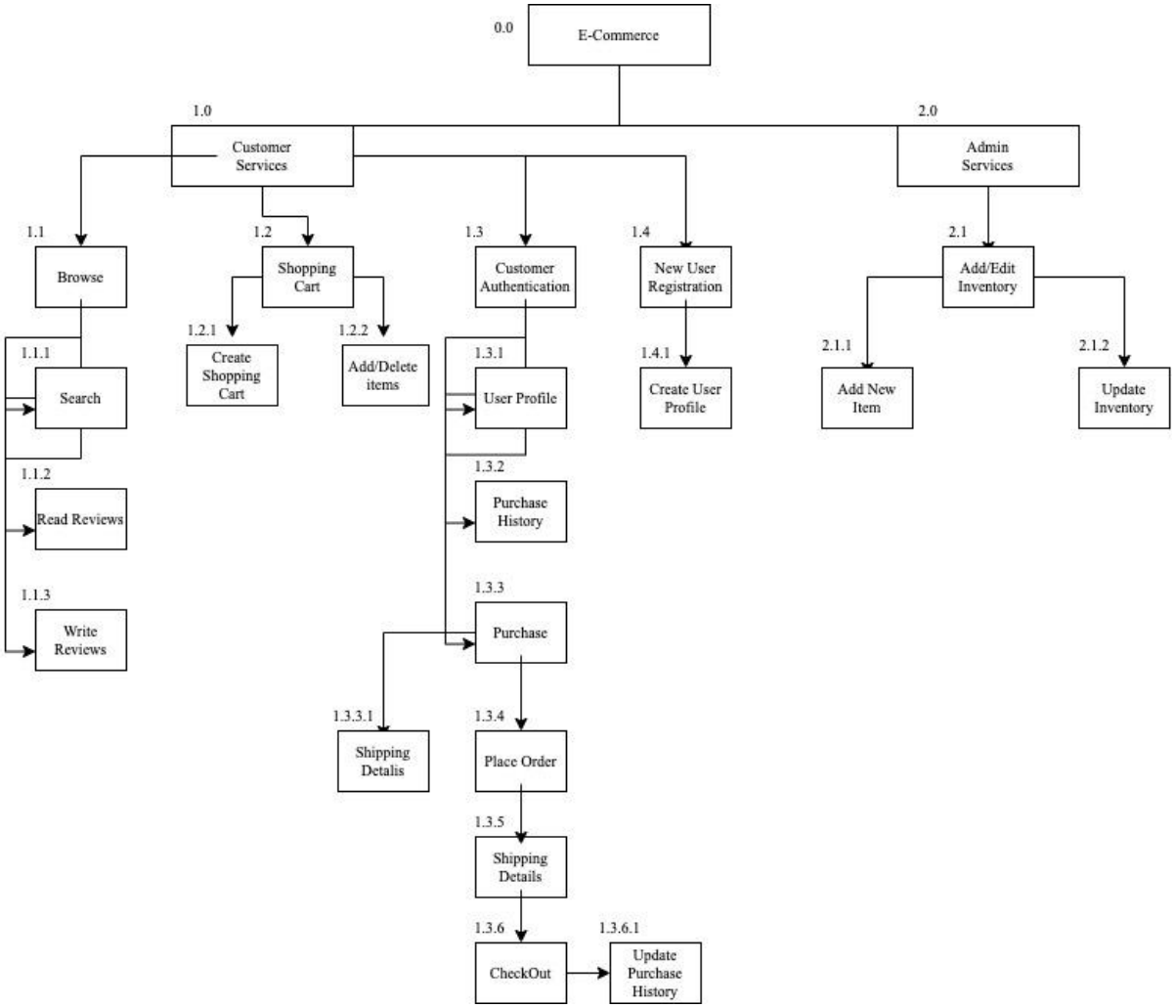
Aim

To Prepare Work breakdown structure, Timeline chart and Risk identification table

Team Members:

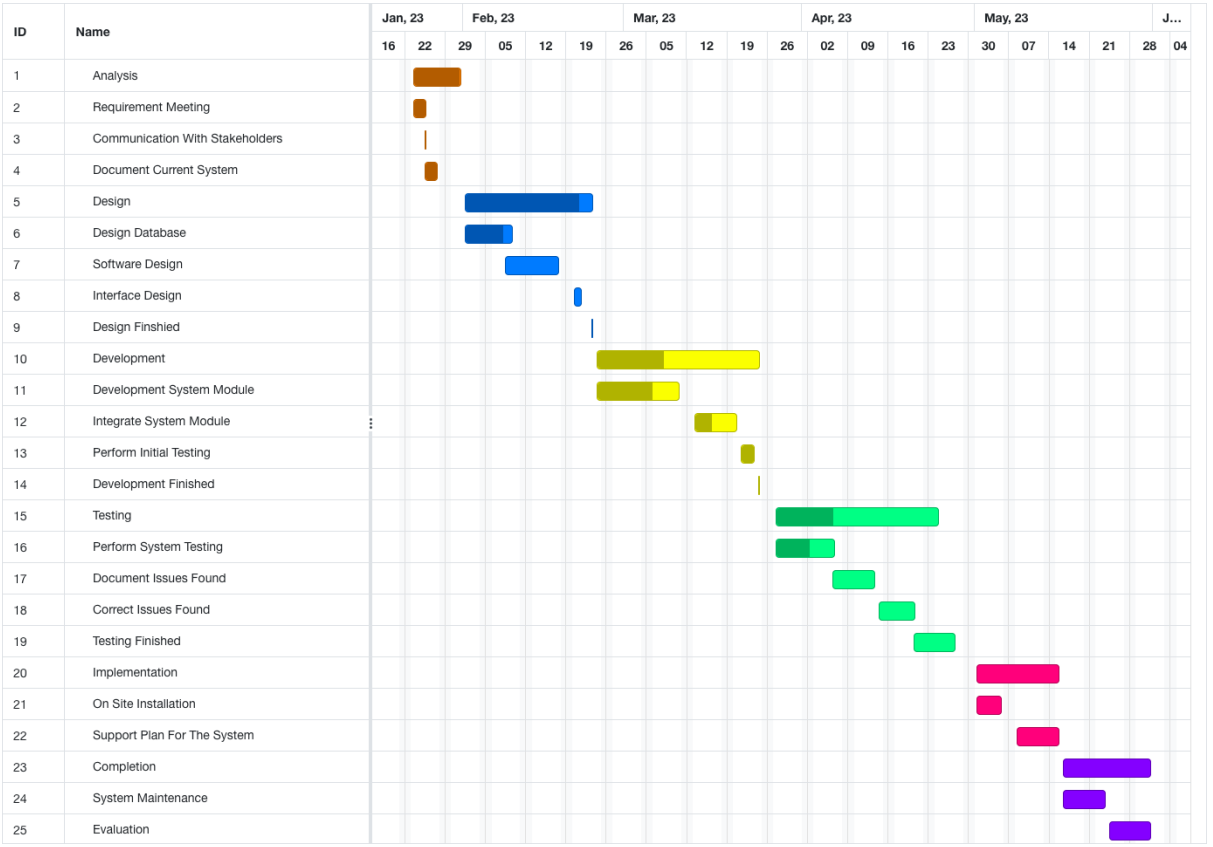
Sl No	Register No	Name	Role
1	RA2111032010034	Pulipaka Prabhav	Rep
2	RA2111032010037	M. Sai Praneeth Yadav	Member
3	RA2111032010047	CH. Bharadwaj Karthik	Member

WBS(Work Breakdown Structure) of Fashion E-Commerce



- 0.0 E-Commerce
- 1.0 Customer Services
    - 1.1 Browse
        - 1.1.1 Search
        - 1.1.2 Read Reviews
        - 1.1.3 Write Reviews
    - 1.2 Shopping Cart
        - 1.2.1 Create Shopping Cart
        - 1.1.3 Add/Delete items
    - 1.3 Customer Authentication
    - 1.3.1 User Profile
        - 1.3.2 Purchase history
        - 1.3.3 Purchase
            - 1.3.3.1 Shipping Details
        - 1.3.4 Place Order
        - 1.3.5 Shipping Details
        - 1.3.6 CheckOut
            - 1.3.6.1 Update Purchase History
    - 1.4 New User Registration
        - 1.4.1 Create User Profile
- 2.0 Admin Services
    - 2.1 Add/Edit Inventory
        - 2.1.1 Add New Item
        - 2.1.2 Update inventory

TIMELINE – GANTT CHART



RISK ANALYSIS – SWOT & RMMM

Risk Summary	Risk Category	Probability	Impact(1-4)	RMMM
There is a whole range of security threats out there to be aware of including malware, phishing attacks, and spam mails.	Business Impact	50%	Catastrophic	Use Firewalls, Employ Multilayer Security and Secure your server and admin panels.
The internet service provider server could crash your online payment system could show errors and ecommerce could have bugs.	Technology to be built	33.33%	Critical	Start by removing any plugins,coding or features that slow the experience of the user.
A customer might not have received their order, their credit card was charged twice, the product they received didn't fit the online description.	Customer Characteristics	20%	Marginal	Tracking orders from time to time and making sure the product is delivered safely without any interruptions.
Customers personal data could be compromised and used for spamming identify theft and associated marketing	Customer Characteristics	20%	Marginal	Product card industry data standard is an industry standard that ensures credit card information collected online is being transmitted and stored in a secure manner.

SWOT ANALYSIS

Strength	**Weakness**	**Opportunity**	**Threat**
Wide Product Range	Change In Fashion Trends	Online Shopping	High Competition
Quality Products	Third-Party Suppliers	Improved Lifestyle	Established Brands
In-House Production	Entering New Markets	Spending On Fashion Products	Changing Trends

Result:

Thus, the work breakdown structure with timeline chart and risk table were formulated successfully.