

PES UNIVERSITY

SOFTWARE ENGINEERING

UE20CS303

TASK-2

AGILE & SCRUM

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User stories - Product backlog

The **prioritized requirements** from the different stakeholders are as specified below

Sprint and release mapping information is also included

Priority	As a....	I want to be able to...	so that...	Effort (hrs)	Sprint # Release	status
1	user/seller	sign up	the credentials can be saved for future login	80	Sprint 1 Rel v1.0	not done
2	user/seller	log in	browse products and add them to cart under my account	40	Sprint 1 Rel v1.0	not done
3	seller	add new product	I can sell my products to wider market	80	Sprint 1 Rel v1.0	not done
4	seller	add images,video,price list	I can publicize my product	80	Sprint 1 Rel v1.0	not done
5	user	explore product catalogue	I can browse the required products and products offered	150	Sprint 1 Rel v1.0	not done
6	user	add products to cart	I can proceed to buy the product	150	Sprint 1 Rel v1.0	not done
7	user	view the total cost of the cart	charge the user respectively	100	Sprint 2 Rel v1.0	not done
8	user	checkout the cart	I can buy the product by making a transaction	100	Sprint 2 Rel v1.0	not done
9	user	make a payment using a payment gateway	I have multiple options for making the payments UPI, Net banking etc..	160	Sprint 2 Rel v1.0	not done
10	seller	view the the products ordered from customer	to get them ready to ship	40	Sprint 2 Rel v1.0	not done
11	seller	Send the delivery status to customer	customer is aware where the ordered product is	80	Sprint 2 Rel v1.0	not done
12	admin	add sellers	they can publish products	40	Sprint 2 Rel v1.0	not done
13	admin	add promotion codes	users can apply them when making purchases	80	Sprint 3 Rel v2.0	not done

14	user	get recommended products based on purchase history	to increase sales	160	Sprint 3 Rel v2.0	not done
15	user	have a smooth buying experience all the time	site does not go down and cater all the requests	160	Sprint 3 Rel v2.0	not done

Mandatory non functional requirements

must be able to open in mobile phones

easy to use UI

multiple language support

must have a fast response time

Total development time analysis

	Sprint 1	Sprint 2	Sprint 3
No.of days in Sprint	20	20	20
Planning days	1	1	1
Net days in sprint	19	19	19
Number of people	5	5	5
No.of working hours in a day	7.5	7.5	7.5
Time for meeting (hr)	1	1	1
Net hours in a day	6.5	6.5	6.5
Total absence (hr)	37.5	75	45
Total Capacity (in hrs)	580	542.5	572.5

Roadmap

Release		ver 1.0		ver 2.0
		Sprint 1	Sprint 2	Sprint 3
stakeholder	Task	Release ver1.0		
user/seller	sign up			
user/seller	log in			
seller	add new product			
seller	add images,video,price list			
user	explore product catalogue			
user	add products to cart			
user	view the total cost of the cart			
user	checkout the cart			
user	make a payment using a payment gateway			
seller	view the the products ordered from customer			
seller	Send the delivery status to customer			
admin	add sellers			
admin	add promotion codes			
user	get recommended products based on purchase history	Release ver 2.0		
user	have a smooth buying experience all the time			

Releases

Release v1.0

Added all basic functionality of the e commerce website

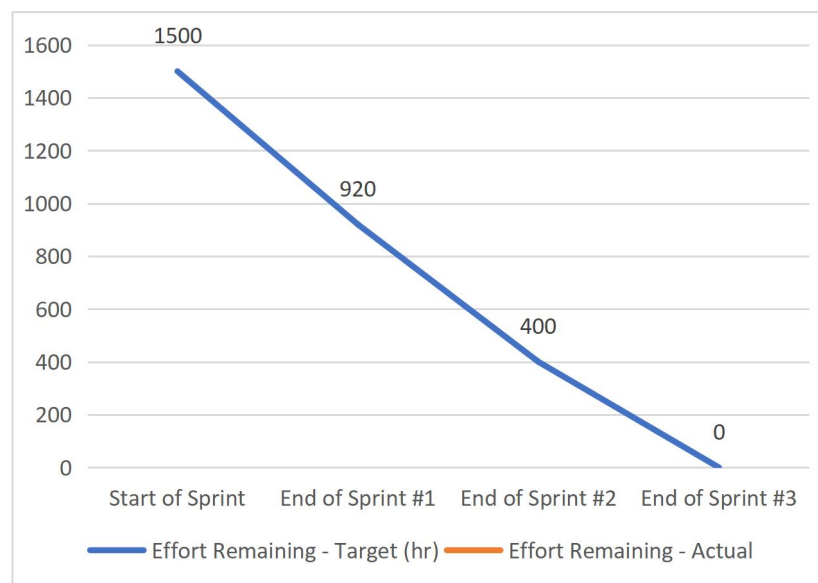
Sign in , log in, adding products an information by seller , exploring catalogue , adding products to cart,checkout cart ,payment options and gateway ,viewing ordered products and delivery status

Release v2.0

Feature release of addition of promo codes, recommendation systems , UI upgrade for better seamless experience

Burndown chart

Sprint	Effort Remaining - Target (hr)	Effort Remaining - Actual
Start of Sprint	1500	
End of Sprint #1	920	
End of Sprint #2	400	
End of Sprint #3	0	



CONTRIBUTIONS:

- 1) EMIL BLUEMAX** - Backlog and User-stories,
- 2) J P DANIEL CHRISTOPHER** - Developing Road Map.
- 3) KARAN CHOUHAN D** – Identifying Stakeholder’s requirements and Total development time analysis.
- 4) SHADAB KOUSER** – Burndown Chart.
- 5) MURALI RAGHAVENDRA** – Assigning Priorities.