

BIKE RENTAL SYSTEM

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INTRODUCTION

- The system is designed to help the customers to take bikes or two-wheelers for rent.
- Using this system customers who want to take bikes on rent can register themselves as renters and can take any two wheeler on rent
- This system helps the renters to know about affordable bikes according to price
- A renting organization can avoid problems with convincing about their services;that means customers can directly understand the services provided by the organization and also can use according to their use.

MODULES

ADMIN

- LOGIN
- ADD STAFF
- VIEW OR UPDATE STAFF
- ADD AND UPDATE TWO WHEELER
- VIEW AND VERIFY USER
- ADD OR DELETE NOTIFICATION
- VIEW COMPLAINTS
- VIEW TWO WHEELER REQUEST AND GIVE RESPONSE

USER

- LOGIN
- VIEW BIKE DETAILS
- SEARCH FOR TWO WHEELER
- SEND REQUEST FOR TWO WHEELER
- VIEW NOTIFICATION
- ADD COMPLAINT
- PAYMENT

PRODUCT BACKLOG

ID	NAME	PRIORITY	ESTIMATE
1	REGISTRATION	1	5
2	LOGIN	2	5
3	CRUD OPERATIONS (BIKE,STAFF,USER)	3	20
4	REQUEST AND RESPONSE (BIKE)	4	15
5	NOTIFICATION,COM PLAINT,PAYMENT	5	5

USER STORY

STORY ID	<u>AS A<TYPE OF USER></u>	I WANT TO	<u>SO THAT I CAN</u>
1	ADMIN	LOGIN	LOGIN WITH USERNAME AND PASSWORD
2	ADMIN	ADD	REGISTER STAFF
3	ADMIN	VIEW OR UPDATE	VIEW AND UPDATE STAFF
4	ADMIN	ADD OR UPDATE	ADD AND EDIT BIKE
5	ADMIN	ADD OR DELETE	MANAGE ANNOUNCEMENT NOTIFICATION
6	ADMIN	VIEW AND RESPONSE	VIEW BIKE REQUEST AND GIVE RESPONSE AND VIEW COMPLAINTS
7	USER	VIEW	VIEW BIKE DETAILS
8	USER	SEARCH	SEARCH FOR BIKE
9	USER	SEND	REQUEST FOR BIKE AND DO COMPLAINTS
10	USER	ADD AND VIEW	ADD PAYMENT AND VIEW NOTIFICATIONS

PROJECT PLAN

USER STORY ID	SPRINT	START DATE	END DATE	HOURS	STATUS
1 2 3	SPRINT 1	16/08/22	14/09/22	17	PARTIALLY COMPLETED
4 5 6	SPRINT 2	15/09/22	12/10/22	16	IN PROGRESS
7 8 9 10	SPRINT 3	13/10/22	18/11/22	17	IN PROGRESS

SPRINT 1 PLAN

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY1 16/08/20 22	DAY2 17/08/ 2022	DAY3 19/08/ 2022	DAY4 22/08/ 2022	DAY5 23/08/ 2022	DAY6 24/08/20 22
USER STORY #1		HRS	HRS	HRS	HRS	HRS	HRS	HRS
FORM DESIGN	17/08/2022	2	1	1	0	0	0	0
TABLE DESIGN	19/08/2022	1	0	0	1	0	0	0
CODING	23/08/2022	2	0	0	0	1	1	0
TESTING AND VALIDATION	24/08/2022	1	0	0	0	0	0	0

BACKLOG ITEM	COMPLETION DATE	ORIGINAL ESTIMATE	DAY1 24/08	DAY2 26/08	DAY3 29/08	DAY4 30/08	DAY5 31/08
USER STORY #2		HRS	HRS	HRS	HRS	HRS	HRS
FORM DESIGN	24/08/2022	1	1	0	0	0	0
TABLE DESIGN	26/08/2022	1	0	1	0	0	0
CODING	30/08/2022	2	0	0	1	1	0
TESTING AND VALIDATION	31/08/2022	1	0	0	0	0	1

BACKLOG ITEM	COMPLE TION DATE	ORIGINAL ESTIMATE	DAY1 02/09/22	DAY2 06/09/22	DAY3 07/09/22	DAY4 09/09/22	DAY5 12/09/22	DAY6 14/09/22
USER STORY #3		HRS	HRS	HRS	HRS	HRS	HRS	HRS
FORM DESIGN	02/09/22	2	1	1	0	0	0	0
TABLE DESIGN	07/09/22	1	0	0	1	0	0	0
CODING	12/09/22	2	0	0	0	1	1	0
TESTING AND VALIDATION	14/09/22	1	0	0	0	0	0	1
TOTAL		17						

DEVELOPING ENVIRONMENT

SOFTWARE SPECIFICATIONS

- Operating System : Windows 7 or above
- Front end : React
- Back end : Express node js,MySQL
- IDE : VS Code
- Browser :Chrome/Firefox