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SOFTWARE DEVELOPMENT MANAGEMENT

PRACTICAL ASSIGNMENT
SCRUM TASK
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TASK

- 1.** Describe your project (already presented earlier) applying the Scrum method according to Scrum guide.
- 2.** Provide product backlog, prioritize, and evaluate.
- 3.** Describe the Scrum team: product owner, developers, scrum master.
- 4.** Describe your sprint: sprint duration, first sprint backlog (prioritized and estimated), sprint events, sprint increment.
- 5.** Upload project information to Trello: product backlog, first sprint backlog, scrum team and so on and provide Trello screenshots and briefly describe them.
- 6.** Provide used preferences

Project

Project goal is to create an ecommerce shopping website that provides clothes and quick & easy checkout for its clients. Upload project information to Trello: product backlog

Project Backlog

Table 1- Project backlog, priority and value

Product Backlog	Priority	Score
1. Consultation	1	8
2.Creating requirements for the project	2	10
3.Model requirements	3	7
4.Create a mock-up	4	9
5.Consultation with the client	5	7
6.Edit mock-up	6	6
7. Build the client side front-end	8	9
8.Build an admin side front-end	8	9
9.Design a database	9	10
10. Create a back end	10	10
11.Write documentation	7	9
12. User experience test	11	9
13.Fix bugs	12	8
14.Unit testing	11	9
15. Fix issues	12	8
16.Stress testing	11	9
17.Program optimization	12	8
18.Deploy the website	13	10

Scrum team

1. Product owner – Product owner is a project manager of the team who is responsible for who oversees the product and prioritizes what to build next.
2. Designer – is responsible for creating a mock-up of the product.
3. Front-end developer 1 – is responsible for creating a client side front-end.
4. Front-end developer 2 – is responsible for creating an admin side front-end.
5. Database developer – database developer is responsible for creating a database for the website.
6. Back-end developer – back-end developer is responsible for creating a back end for the website.

7. Software tester 1 – is responsible for testing the user experience on the website.
8. Software tester 2 – is responsible for writing unit tests for the software.
9. Software tester 3 – is responsible for stress testing the software.

Sprint

Duration of the sprint – 14 days.

Sprint Backlog

1. Interview the client
2. Creating functional requirements
3. Creating non-functional requirements
4. Creating UML diagram
5. Creating Use Case diagram.
6. Creating a client-side mockup.
7. Creating admin-side mockup.
8. Review with the client.
9. Fixing the mockup.

Sprint Increment:

In the end of the sprint increment the tasks such Consultation, creating requirements of the project, Model requirements, create mock-up, Consultation with the client and fixing the mock-up will be completed.

Trello

In the Figure 1. shown a Trello board where you can see the Scrum team, Project Backlog. Each team member has unique color and the task are marked with that the color that signifies which team member should complete that task.

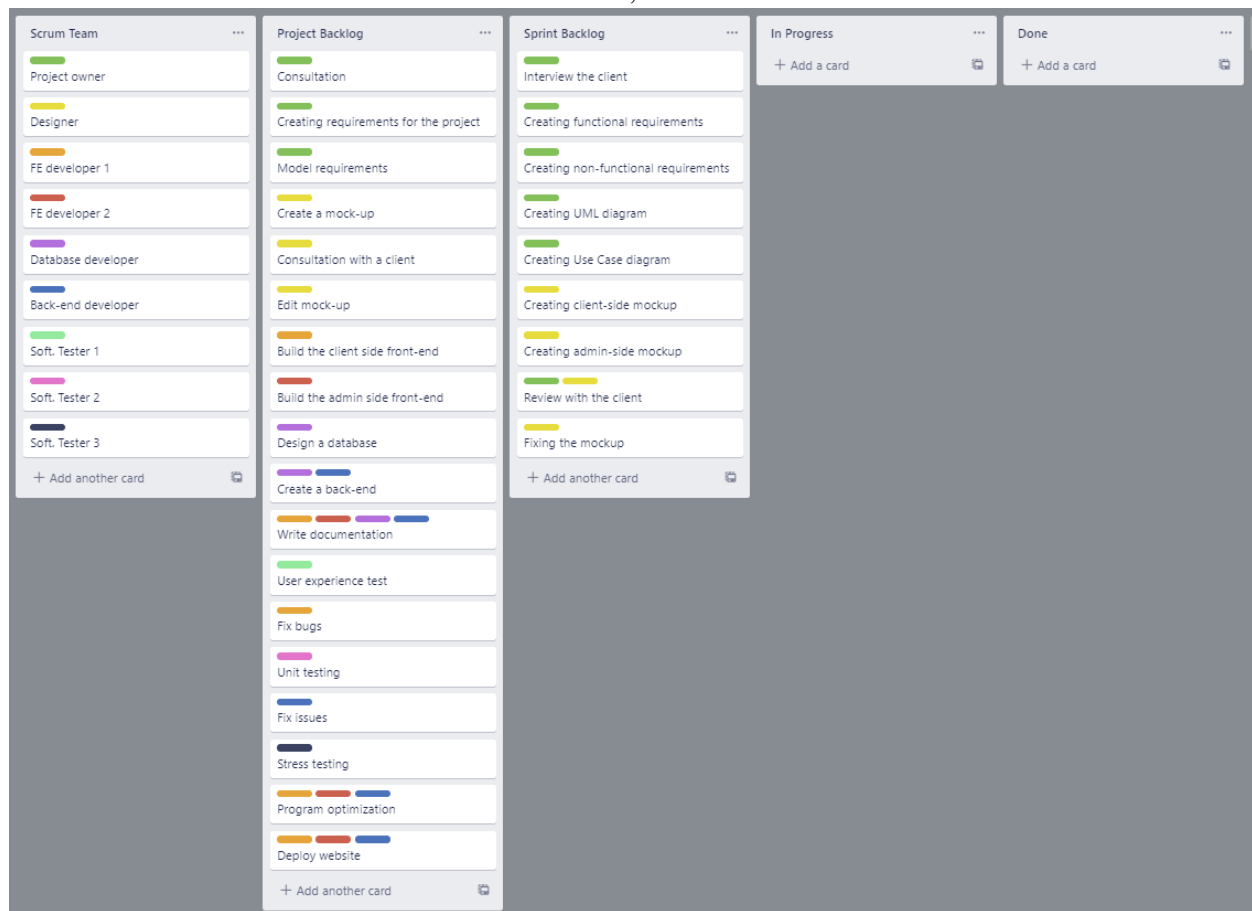


Figure 1- Trello board

REFERENCES

1. Schwaber, K. and Sutherland, J., 2020. *The Scrum Guide*. [online] Scrumguides.org. Available at: <<https://scrumguides.org/docs/scrumguide/v2020/2020-Scrum-Guide-US.pdf>> [Accessed 18 April 2021].