

Milestone 1 Report

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1. Executive Summary:

Milestone 1 was the due date for finalizing the deliverables of MVP1 - Agreeing on Requirements & Design, and Demo for basic features for Creating Service and User Profiling.

Deliverables:

- Elicited Final Requirement Document
- Design Documents
- Use Case Diagrams
- Class Diagram
- Sequence Diagram
- UI Mockups
- Create Offer (Service / Event), User Profile demo

To accomplish the milestone, we have created, implemented and closed 35 issues that can be found here:

- github.com/ossarioglu/SWE574-SWEet_Dewarriors/milestone/1?closed=1

Therefore, most of the design process is finalized, even though changes are required for the UML design documents to become more united and the verbal formulation of the requirements need a final revision. Some other changes might occur during the implementation phase and potential problems may require new design solutions. In the case of this project, the deliverables are very mature and will be a helpful guide throughout the implementation of the project. The requirements are written in detail, however, a prioritization process needs to take place; Must-have requirements must be separated from the good to have requirements. The project management is planned such that the next milestone will include basic functionalities and each of the following milestones will be about adding new features to the previous deliverable.

2. List and status of deliverables.

- (a) Scenarios and Mockups ✓ are done
- (b) Software Requirements Specification ✓ done
- (c) Software design documents and UML diagrams: Use-case modeling ✓ done, Use-case diagram ✓ done, Class diagram ✓ done, Sequence Diagram ✓ done
- (d) Project plan ✓ done
- (e) GitHub wiki pages are up to date ✓
- (f) MVP1 demo ✓ done

3. Evaluation of the status of deliverables and its impact on your project plan.

(a) In terms of Scenarios and Mockups, a lot of thinking has been implemented into a process that will be helpful for the development phase. The visual representation of the first version of mockups has helped during the UI design as well.

(b) The process of defining the Requirements has taken part in several stages. At the start of the process, the first version of the requirements was listed- by analyzing the old requirements of the team members prepared for 573 and carefully selecting among those. The unclear parts were formulated into requirement elicitation questions and asked to the instructor. Afterwards, new semester's requirements were formulated. The findings in these two steps have been combined in the Final Requirements Document. According to the feedback taken from the instructor, this process requires a final revision, considering the verbal formulation of the requirements. (using shall, etc.)

(c) The Software design documents in UML need further improvements, but the basics are covered. Some changes are required to make the diagrams more united.

(d) The project plan for the rest of the semester is divided into 3 milestones and the details can be found in the deliverables list (d) section, at the end of this document.

(f) Additionally to the design work described above, we also started the implementation phase. Therefore our demo can create services (offering/event), and also create user profiles (registration and login included).

4. Evaluation of tools and processes that you have used to manage your project.

The management system has been mainly conducted on GitHub and the associated wiki pages. The workload was constantly been organized in issues. During this process, the project backlog was used to draft the issues and then categorize them. Once the issue was created, the corresponding labels were attached. They were assigned to the team members. The issues were explained carefully and connected to milestones. Any task that required a research, documentation process, or produced a deliverable, was associated with a wiki page. Once the issue was done, the findings were documented on wiki.

5. A summary of work done by each team member

The team worked in collaboration and with regular weekly meetings. The work of each team member can be summarized as follows:

Osman Selçuk Sarıoğlu:

- Creating repo infrastructure and setting up project base
- Requirements consolidated from previous version and new requirements from this semester
- Use Cases and Diagram
- Base Service (Landing) of app
- Login and Sign-up Service of app
- User Profile Service of app
- Consolidation of Wiki for Research items such as Git, Django, Docker
- Dockerization of app
- Integration of UI and backend services for login, signup and profile management
- Rearranging Wiki Pages for MVP1 Demo (table of contents, flow, linking pages)
- Attended and contributed to all group meetings

Fatma Betül Güres:

- Review of the design diagrams prepared for 573 of all teammates
- Pinterest Research for UI design
- Research for good practices in UI and UX design
- Contributions in creating Mockup design
- Contributions in creating Mockup scenario
- Designed UI interfaces and created html code for: Profile Page, Main Page, Create Offer and Event Page, Sign-up Page, Login Page
- Prepared the Milestone Report for MVP1
- Adding lecture notes to wiki
- Came up with a name for the project
- Attended and contributed to all group meetings

Zahra Atrvash

- Gathering all the teammates' previous mockup designs to consider the best looking one
- Researching for the most functional tools to create mockups
- Creating Mockup design
- Creating Mockup Scenario
- Organizing Github Wiki page
- Organizing Github main page
- Researching for the most functional tools to create Sequence diagrams
- Designing Sequence diagrams
- Adding meeting highlights
- Contribution in naming the group(SWEet Dewarriors)
- Attended and contributed to all group meetings

Gokhan Ustuner:

- Investigation of use-case modeling
- Definition of the system actors and their roles
- Documentation of the system actors and their roles in use-case model

- Creation of brief-format use-cases in use-case model for the primary features
- Creation of fully-dressed format use-cases in use-case model for the features implemented in MVP1 Milestone
- Investigation of design object diagrams (Class diagrams)
- Creation of the design object diagram (Class diagram)
- Activation of Google Places API to employ in the project
- The implementation of the Location Service, which is an abstract layer containing and controlling requests to the Google Places API
- The implementation of the Tag Service, which is an abstract layer containing and controlling requests to the Wikidata API
- The implementation of the Offer Creation Service (Service / Event), which is also dependent to the Location Service and the Tag Service
- Attended and contributed to all group meetings

[Sabri Korkmaz](#)

- Research for Dockerization of Django Project
 - Research for Django
 - Research for W3C Activity Stream Standards
 - Research for Django-activity-stream package
 - Requirements Created
 - Scenarios Created
 - Bug fixes in the html codes of the UI pages
 - Attended and contributed to all group meetings
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6. Deliverables

(a) Scenarios and Mockups

- [Mockups & Scenarios](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/Mockups-&-Scenarios
- [SWE 573 samples](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/Teammates'-mockup-samples
- [UI Design for MVP1](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/UI-for-MVP1

(b) Software Requirements Specification

- [Refined requirements v1](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/Refined-Requirements-v1
- [New Semester requirements v1](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/New-Semester-Requirements-v1
- [Final Requirements Document](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/Final-Requirements-Document

(c) Software design documents and UML diagrams

- [Use-case model](#)
- https://github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/Use-Case-Model
- [All Diagrams](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/Design-Diagrams
 - [Use-case diagram](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/Use-case-diagram
 - [Class diagram](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/Class-diagram
 - [Sequence diagram](#)
 - github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki/Sequence-diagram

(d) Project plan :

- github.com/ossarioglu/SWE574-SWEet_Dewarriors/milestones

3 milestones are planned for the rest of the semester.

MVP2: Additional Features to the deliverable (Search, Apply, Assign, Recommendation)

Due by April 25, 2022

The features below will be included to the project:

- Search
- Apply
- Assign
- Recommendation

Deliverables: Demo of the dockerized version of web app

MVP3: Additional Features to the deliverable (Handshake, Notifications, Service classification Wikidata, Recommendation improvements)

Due by May 9, 2022

Features to be added:

- Handshake
- Notifications
- Service classification (Wikidata)
- Recommendation improvements
- Geolocation Search

Deliverables: Demo of deployed web app

Final Product Delivery

Due by May 30, 2022

Final Delivery of Product:

- Dockerized
- Deployed
- Tested

(e) Your GitHub up to date with all relevant information:

Our GitHub and wiki pages are all up to date:

https://github.com/ossarioglu/SWE574-SWEet_Dewarriors/wiki