

Creative Production Management

CSE 326 : Information System Design Sessional

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March 3, 2023

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Chapter 1

Motivation

The process involving the demand and production of creative content is very tedious and primitive. It has become imperative to automate these tasks using software. To help managers and content creator communicate, collaborate and manage tasks better, we present our project **Creative Content Management**.

Chapter 2

Introduction

Our project, **Creative Production Management(CPM)**, aims to provide a solution that makes communication, collaboration, and task management between managers and content creators more efficient. CPM has four modules:

- **Cost Estimation:** Provided with requirements breakdown, software will show client service officer an estimate of how much the project will cost.
- **Task Management:**The client service officer will assign tasks to designers. Based on availability and expertise software will suggest designers to Client Service Officer
- **Archive Management:** A project or an estimation can be archived with metadata so that it can help make better estimation decisions in future
- **Performance Analysis:** The review of the designers done on the basis of their performance during a certain duration, i.e. a year. It is usually evaluated considering the time and quality of the content produced.

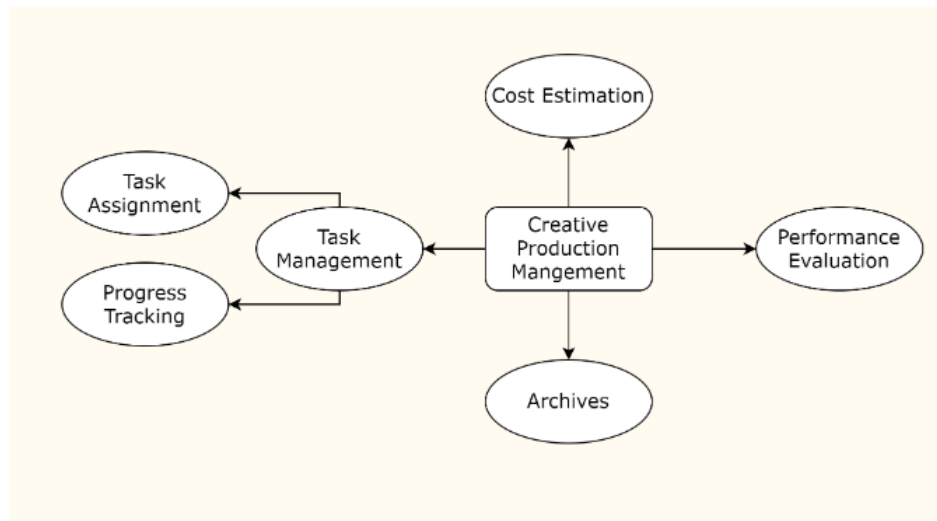


Figure 2.1: Modules

Chapter 3

Requirement Analysis using BPMN diagram

3.1 Full BPMN Diagram

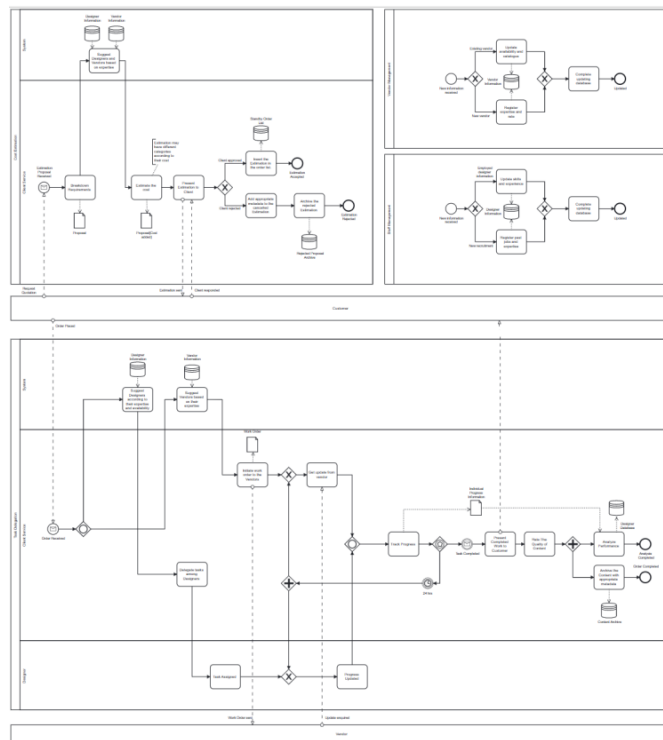


Figure 3.1: Full BPMN Diagram

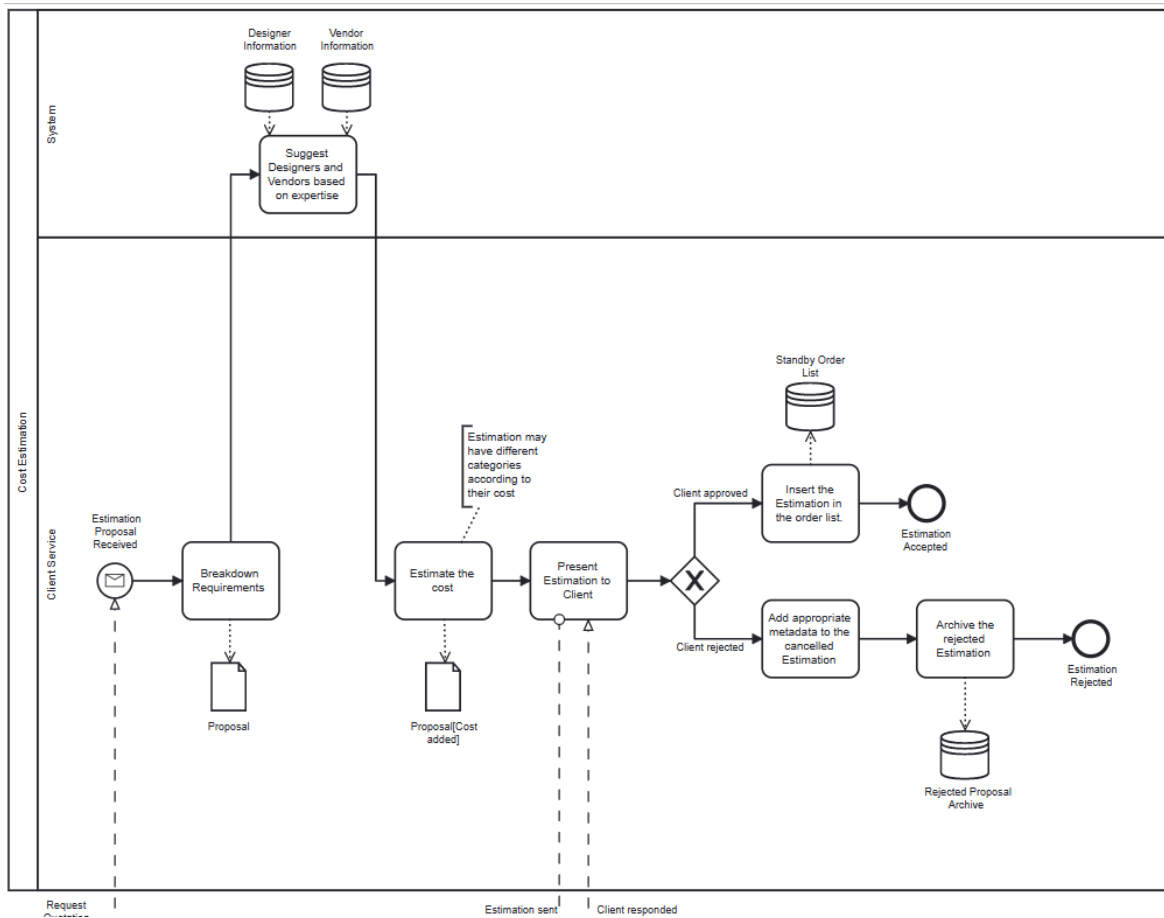


Figure 3.2: Cost Estimation Pool

3.2 Cost Estimation

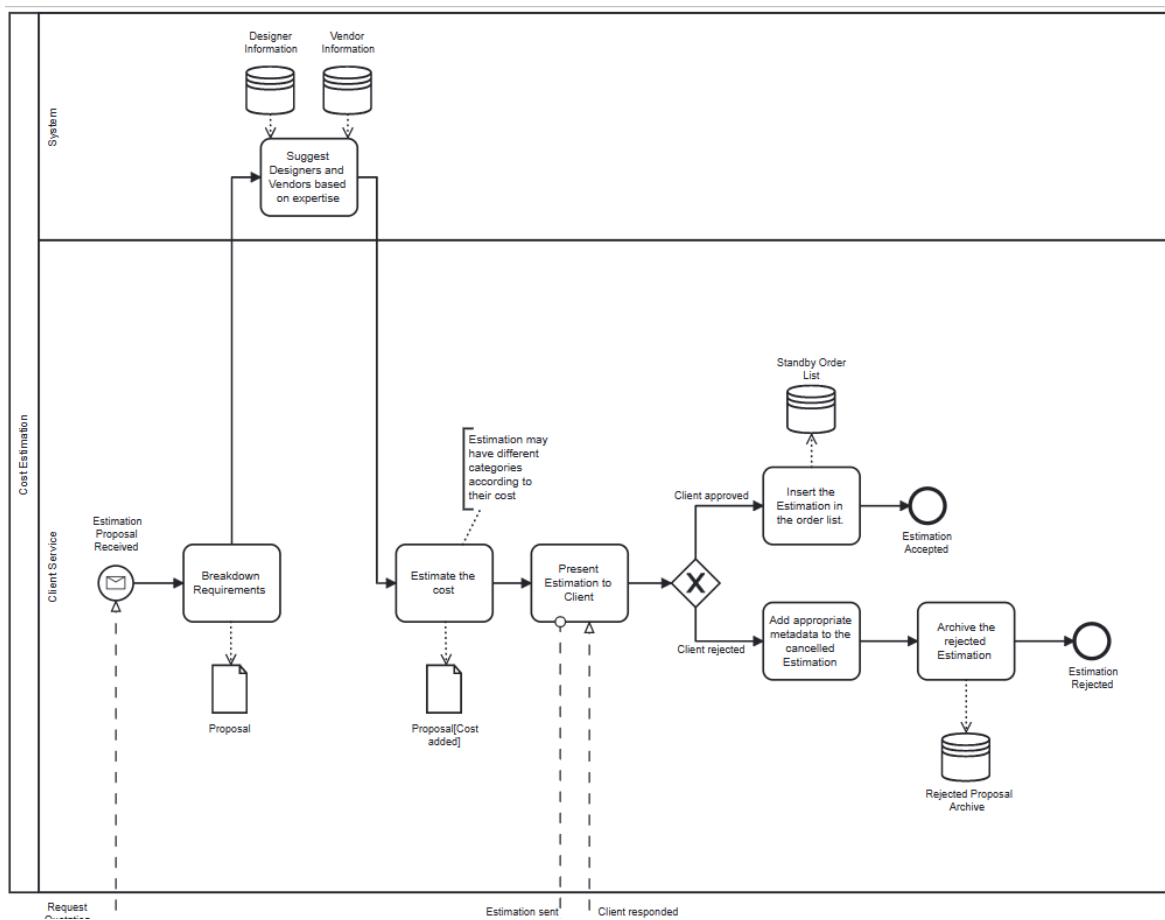


Figure 3.3: Cost Estimation Pool

3.3 Staff Management

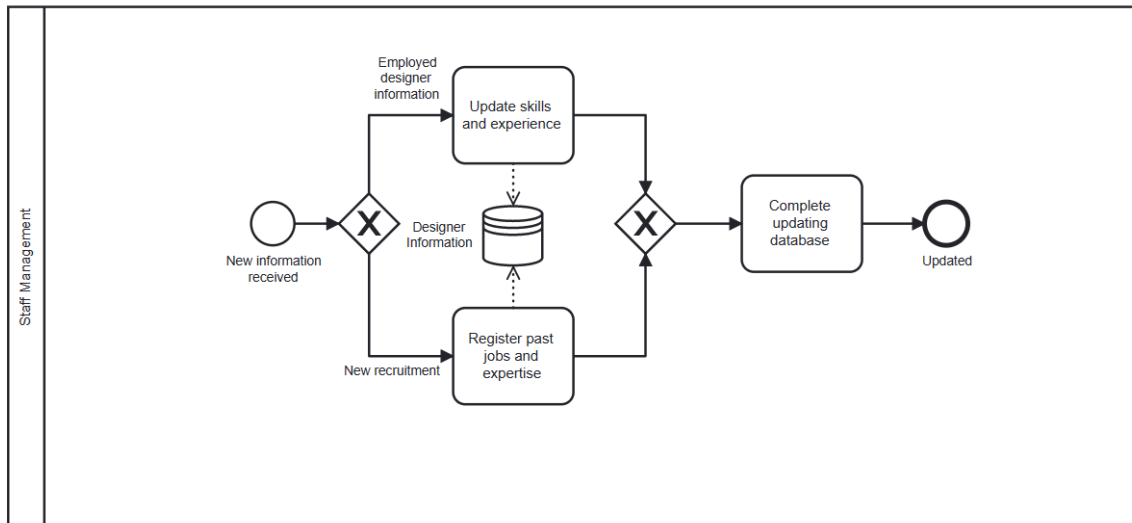


Figure 3.4: Staff Management Pool

3.4 Task Delegation

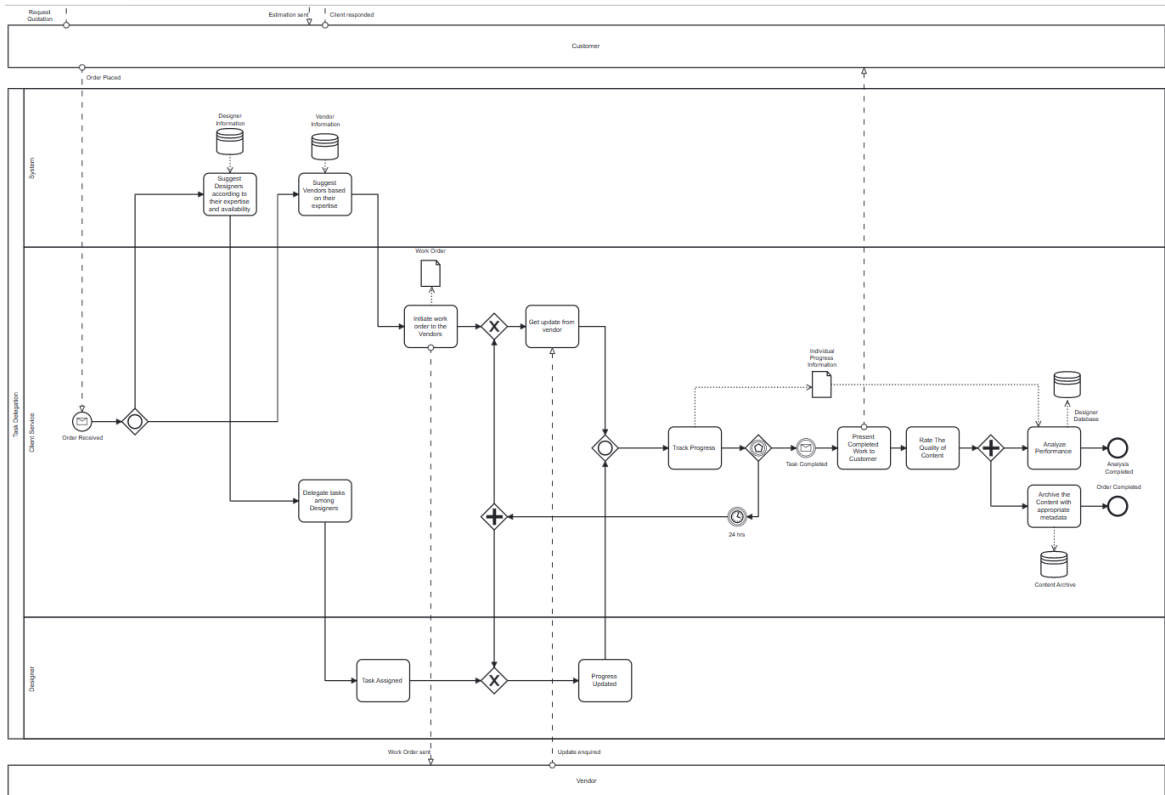


Figure 3.5: Task Delegation Pool

3.5 Vendor Management

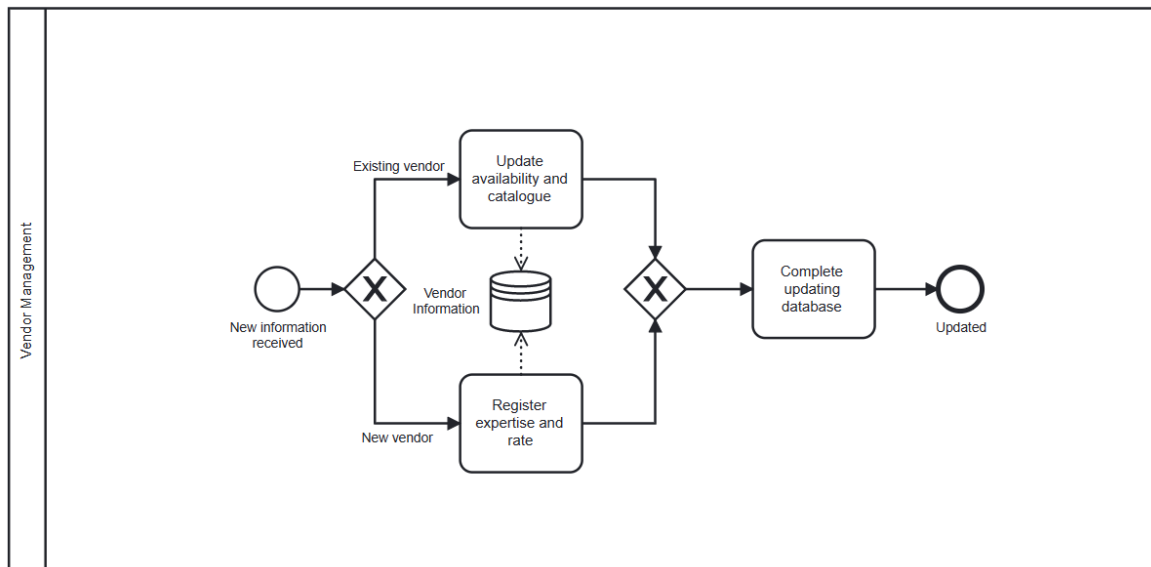


Figure 3.6: Vendor Management Pool

Chapter 4

Class Diagram

4.1 Archive

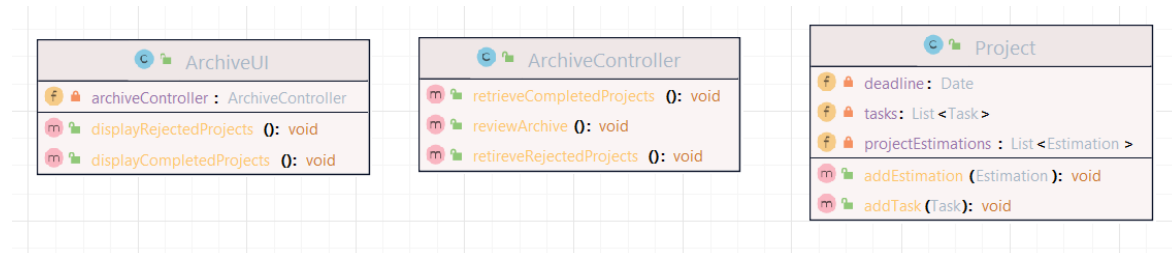


Figure 4.1: Class Diagram related to Archive Module

4.2 CSO Dashboard

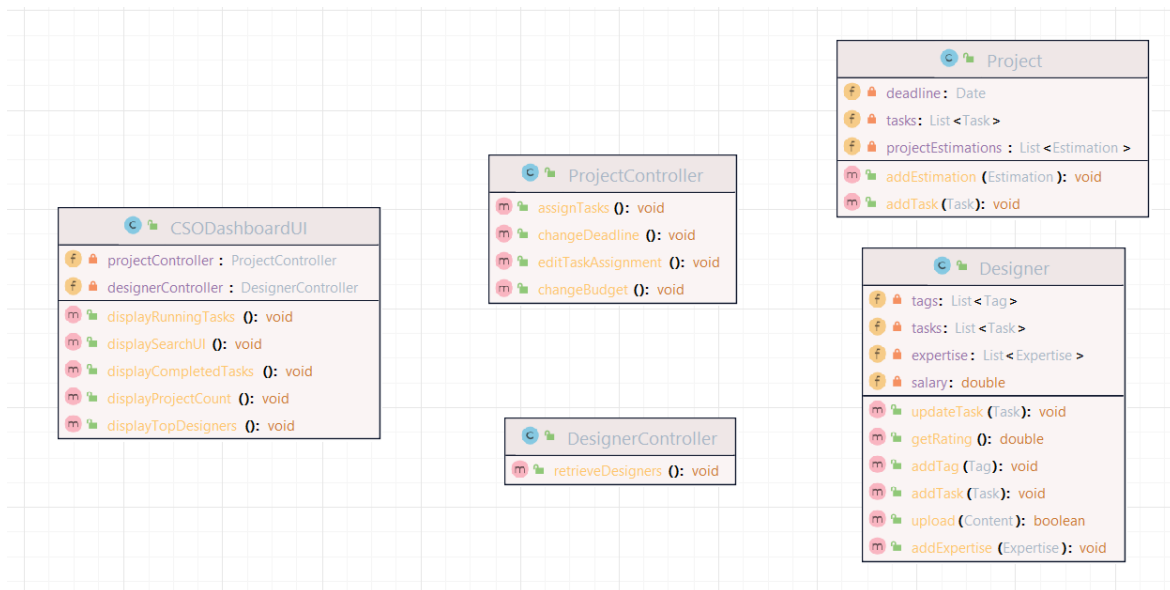


Figure 4.2: Class Diagram related to CSO Dashboard Module

4.3 Designer Dashboard

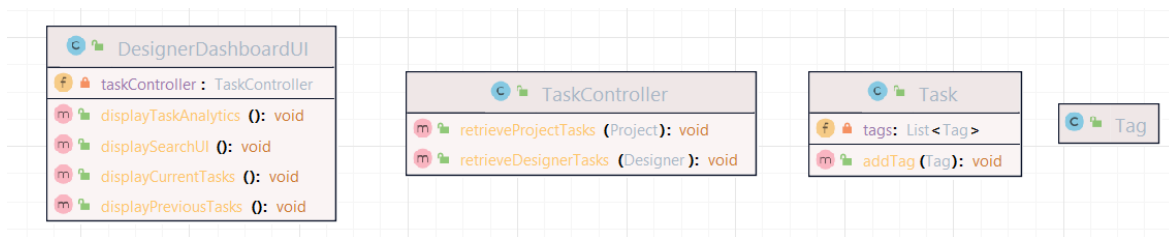


Figure 4.3: Class Diagram related to Designer Dashboard Module

4.4 Estimation

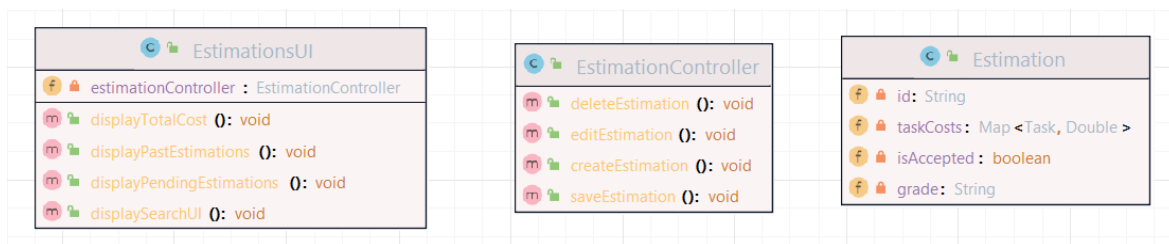


Figure 4.4: Class Diagram related to Estimation Module

4.5 Project

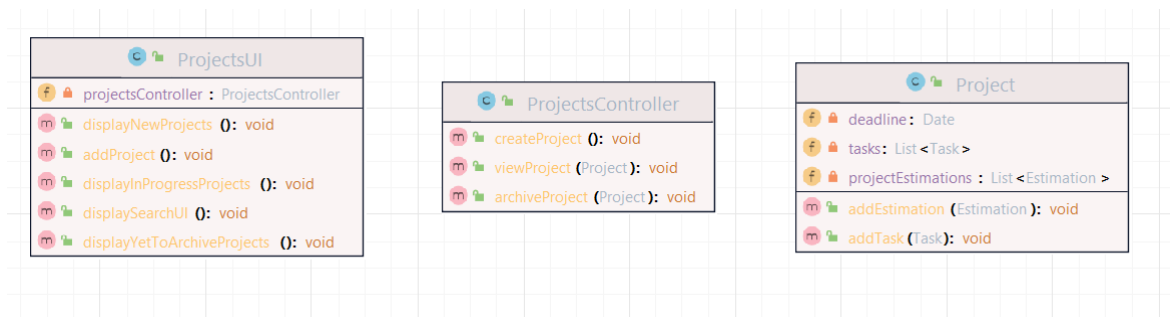


Figure 4.5: Class Diagram related to Project Module

4.6 Search

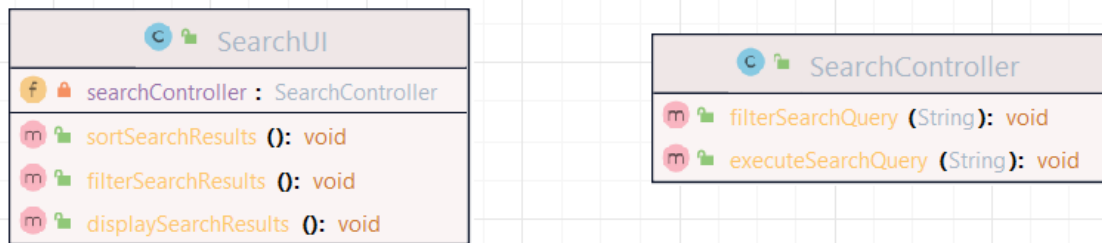


Figure 4.6: Class Diagram related to Search Module

4.7 Task

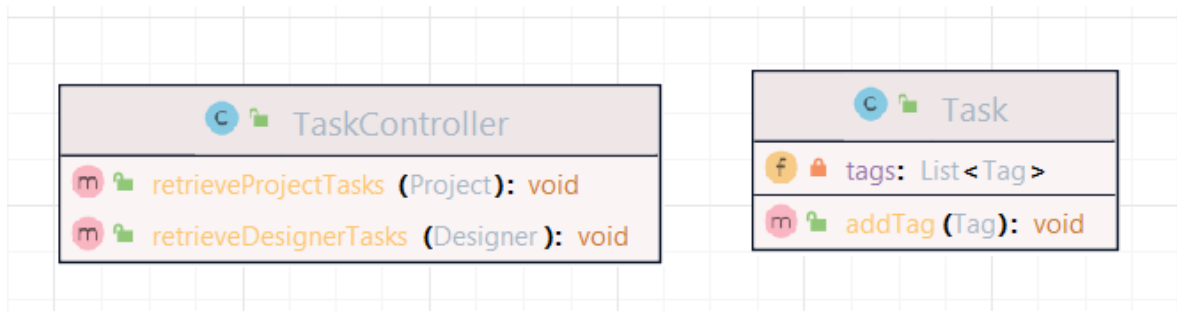


Figure 4.7: Class Diagram related to Bundle Module

4.8 TMO Dashboard

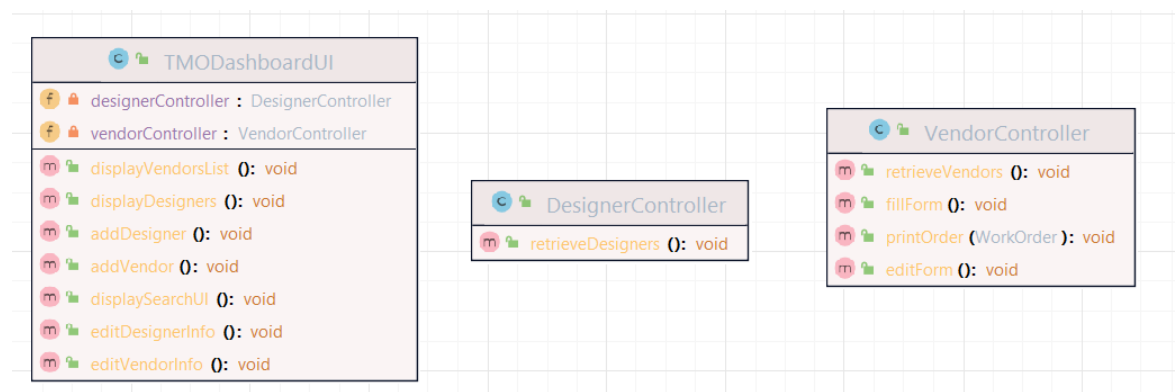


Figure 4.8: Class Diagram related to TMO Dashboard Module

4.9 Users

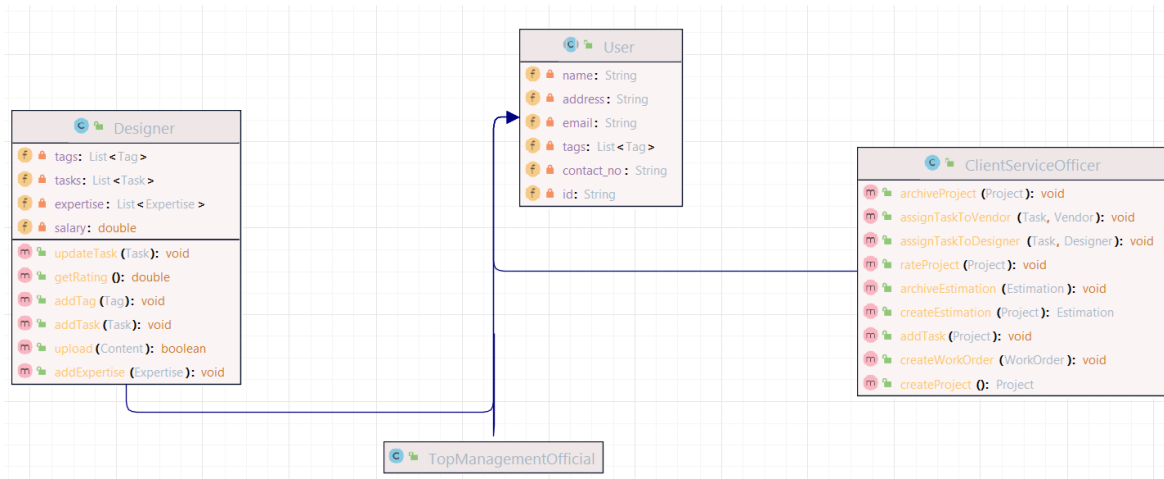


Figure 4.9: Class Diagram related to User Module

4.10 Vendors

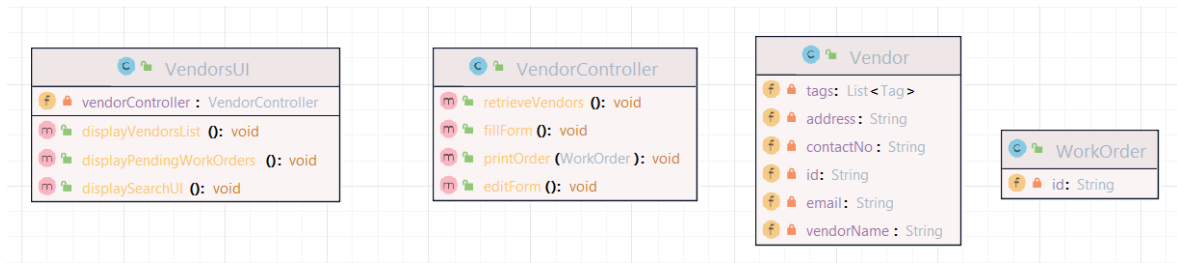


Figure 4.10: Class Diagram related to Vendors Module

Chapter 5

ER Diagram

5.1 Full ERD

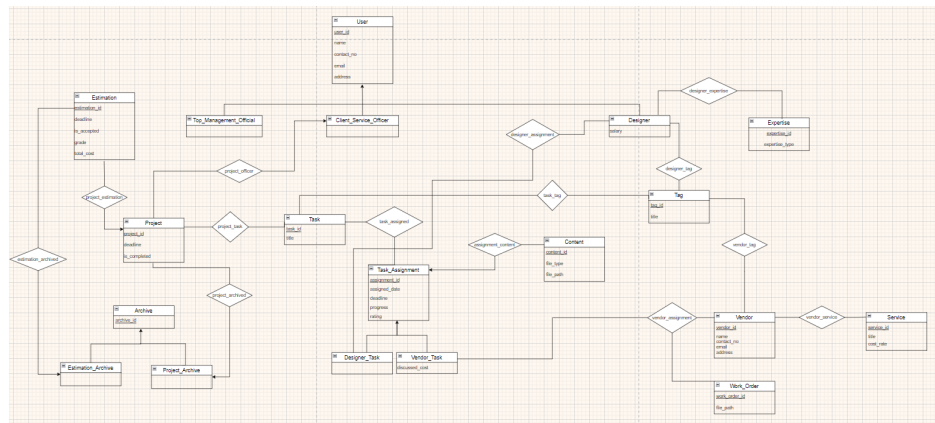


Figure 5.1: Full ER Diagram

5.2 Users

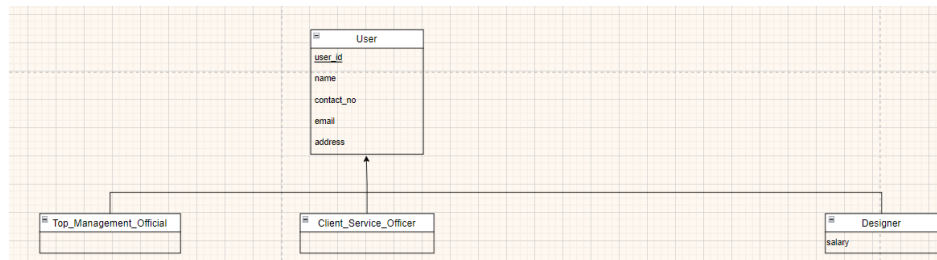


Figure 5.2: ERD Related to Users

5.3 Designer and Vendor

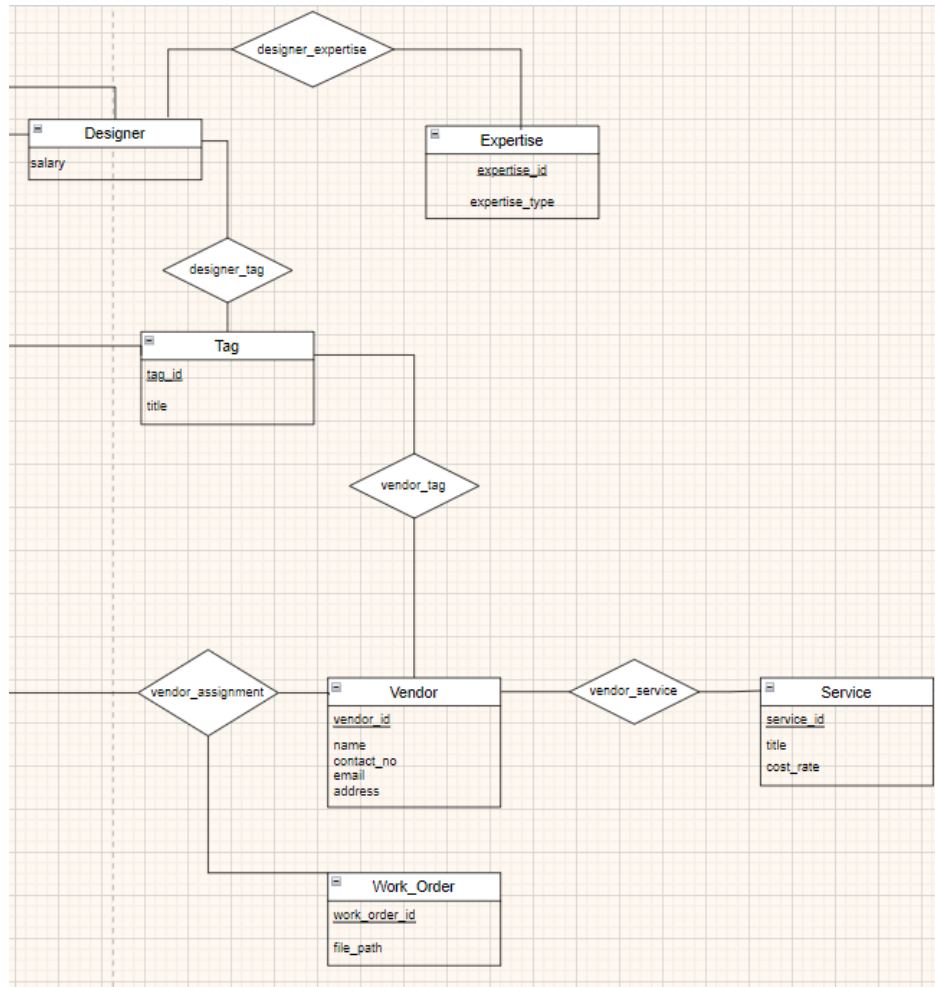


Figure 5.3: ERD Related to Designers and Vendors

5.4 Estimation and Archive

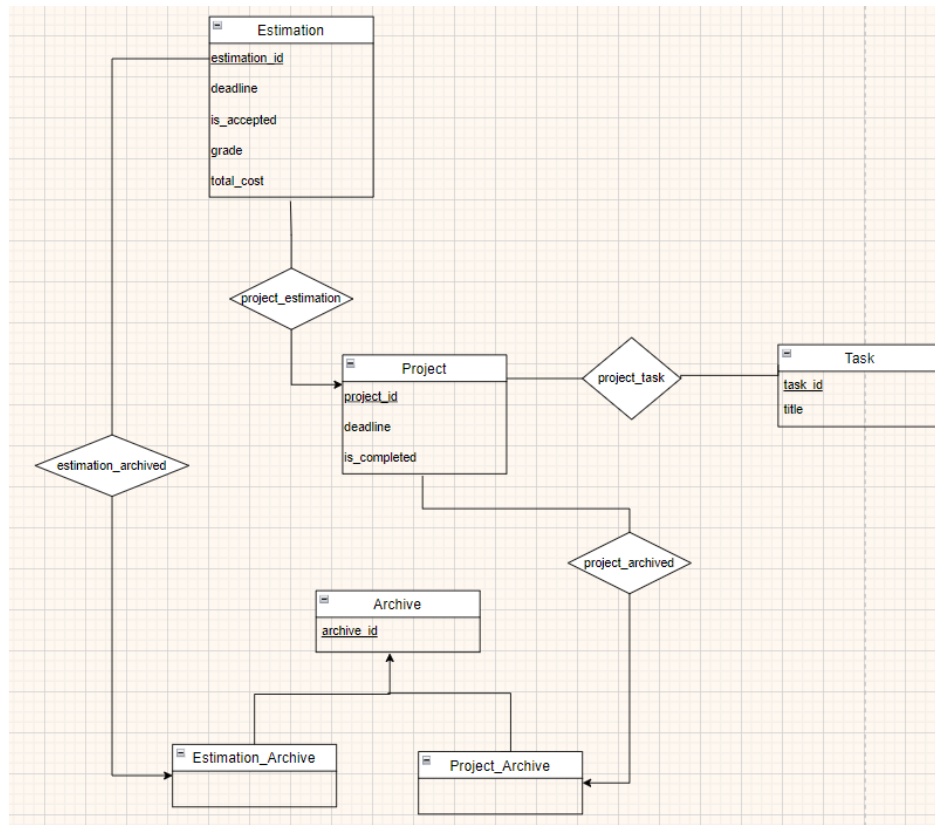


Figure 5.4: ERD Related to Estimations and Archive

5.5 Tasks and Projects

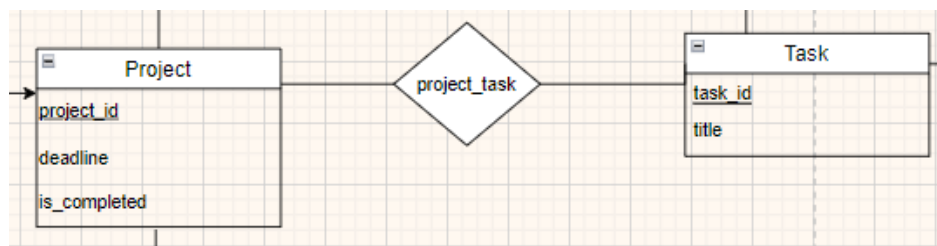


Figure 5.5: ERD Related to Projects and Tasks

5.6 Task Assignment

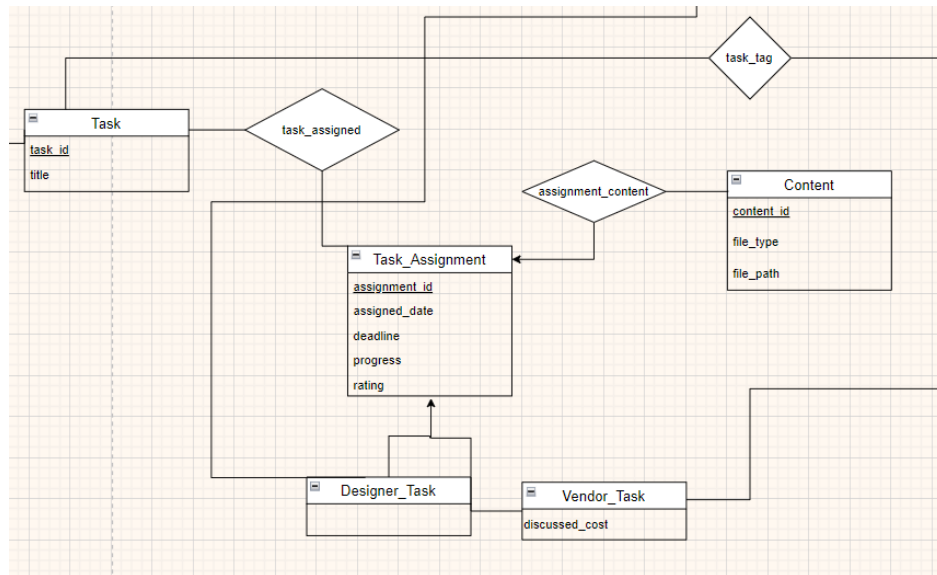


Figure 5.6: ERD Related to Task Assignment

Chapter 6

Sequence Diagram

6.1 Estimation

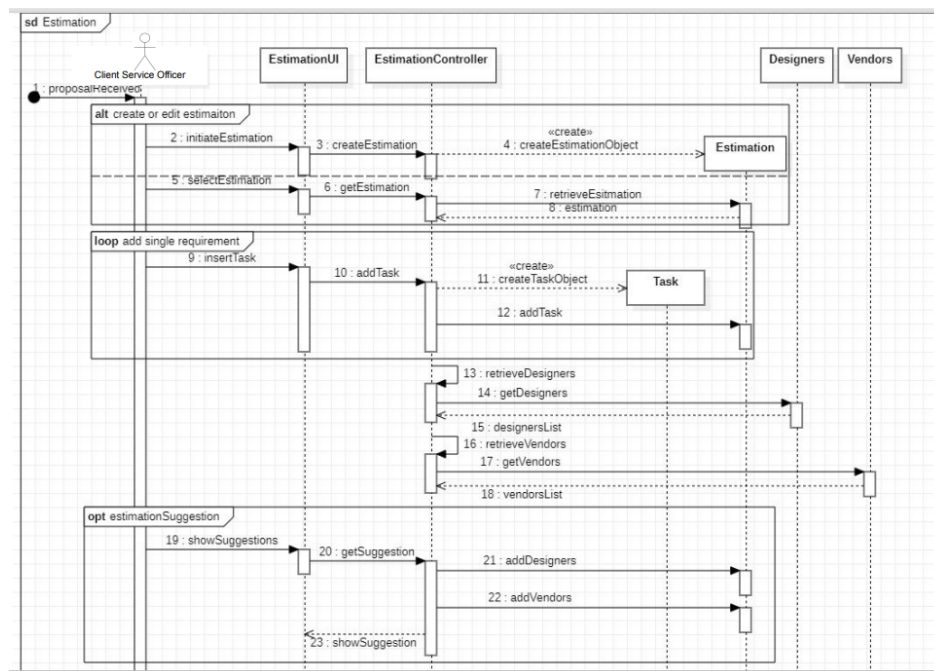


Figure 6.1: Sequence Diagram for Estimation

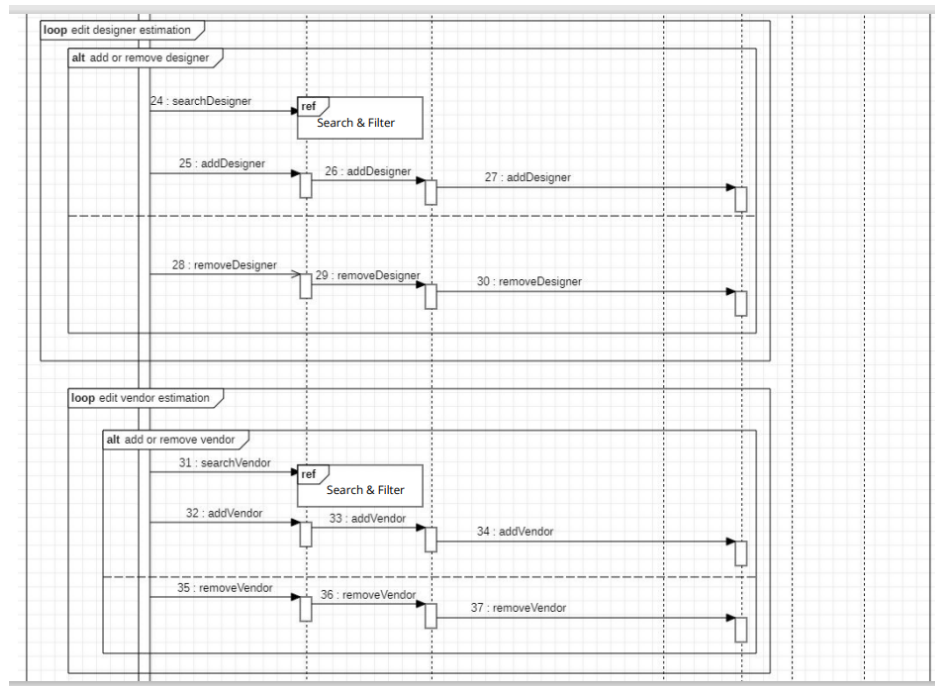


Figure 6.2: Sequence Diagram for Estimation

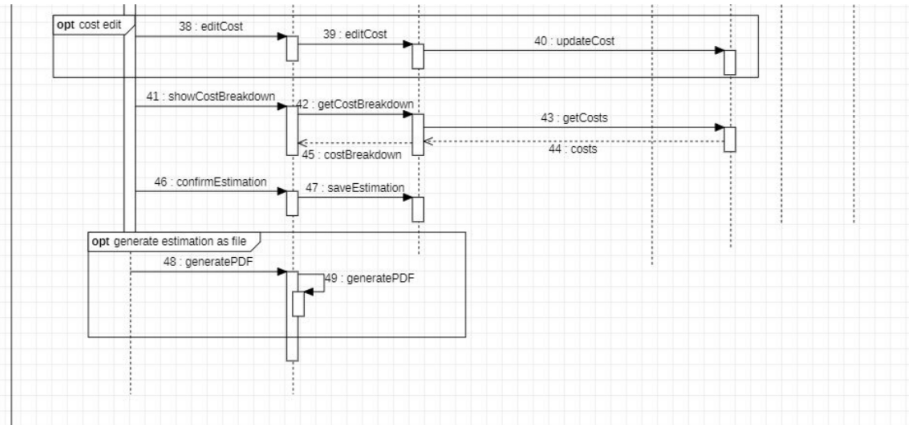


Figure 6.3: Sequence Diagram for Estimation

6.2 Project Creation

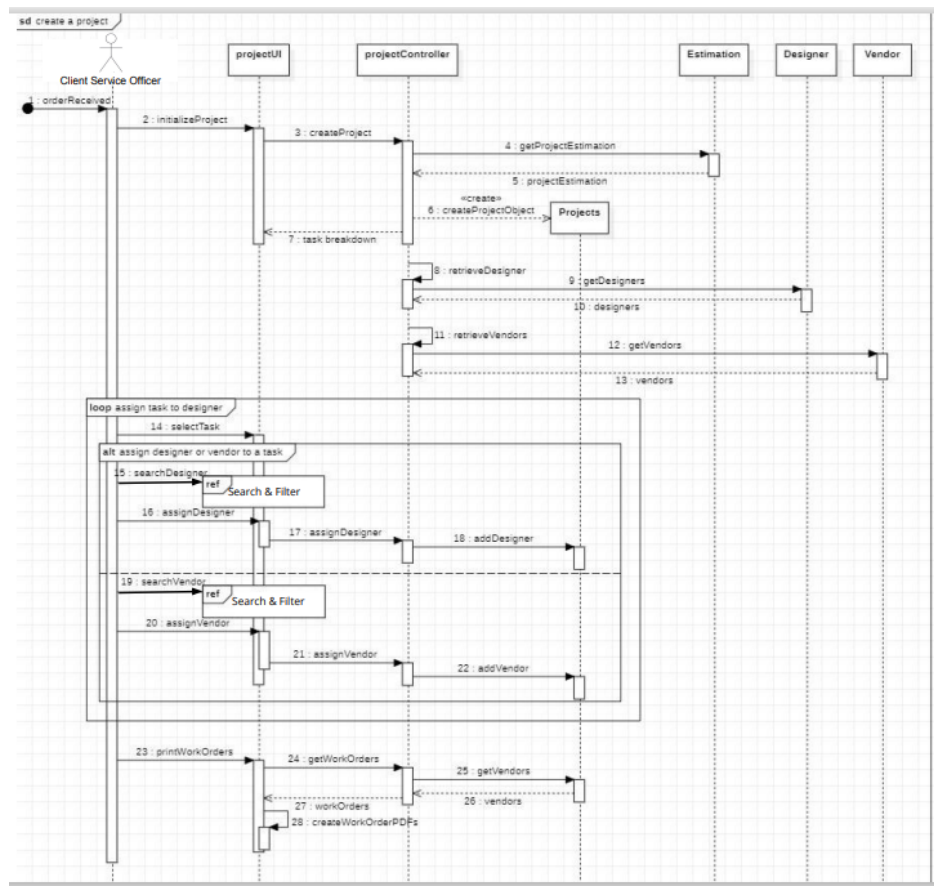


Figure 6.4: Sequence Diagram for creating a project

6.3 Project Finishing

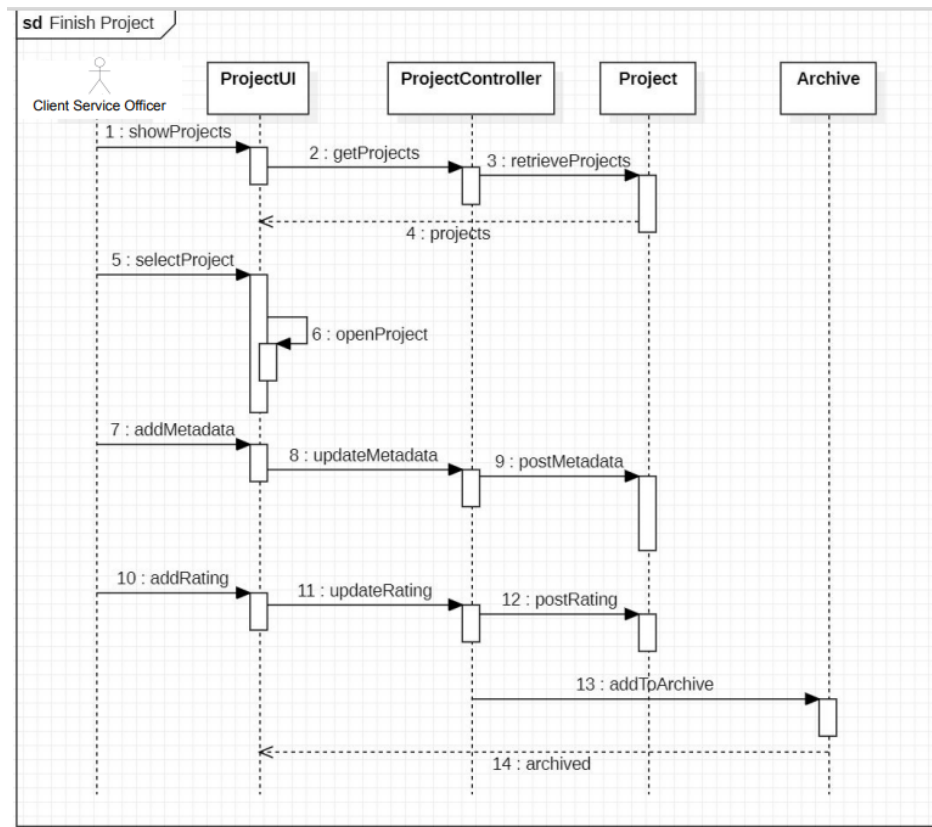


Figure 6.5: Sequence Diagram for finishing a project

6.4 Search and Filter

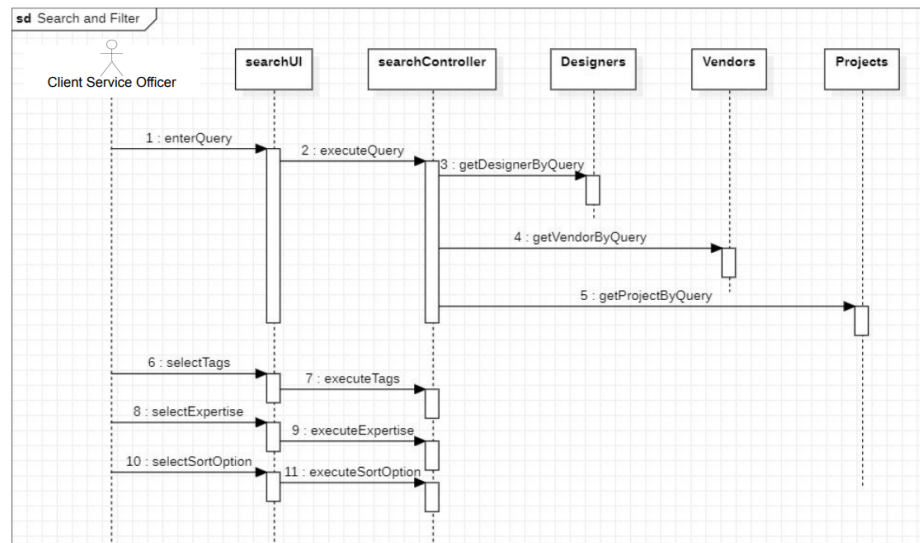


Figure 6.6: Sequence Diagram for searching and filtering

6.5 Task Update

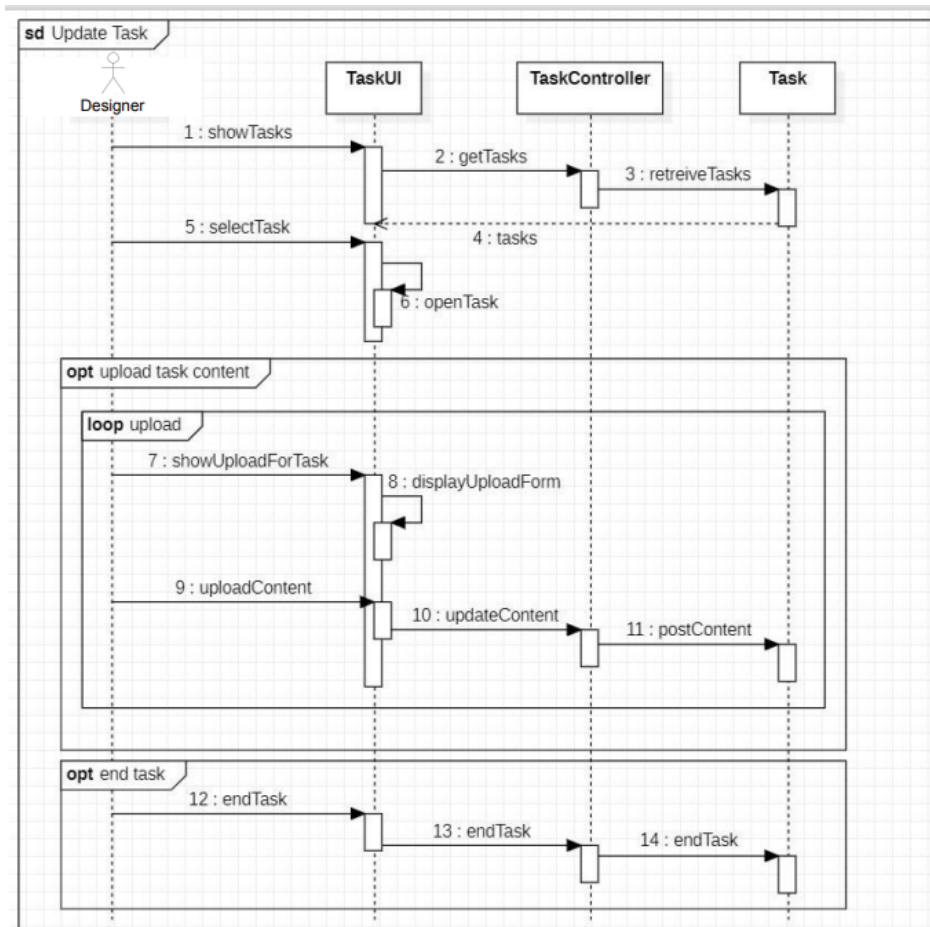


Figure 6.7: Sequence Diagram for task updates

Chapter 7

Collaboration Diagram

7.1 Estimation

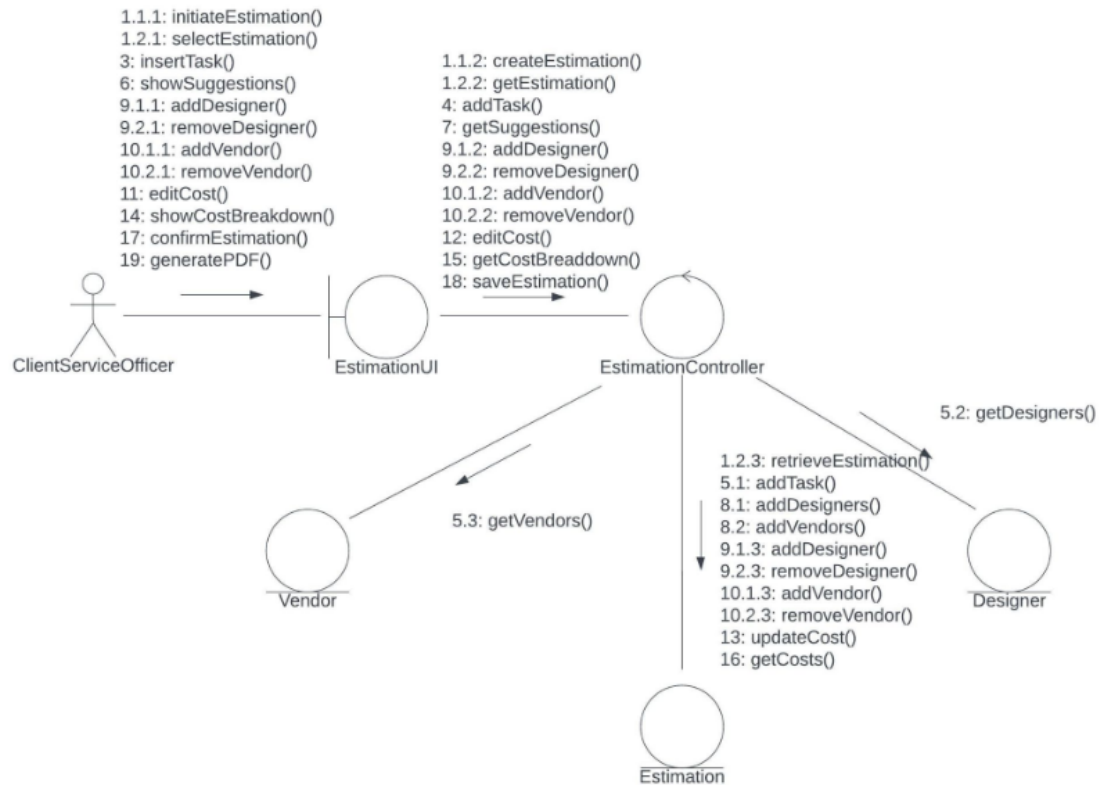


Figure 7.1: Estimation

7.2 Finishing Project

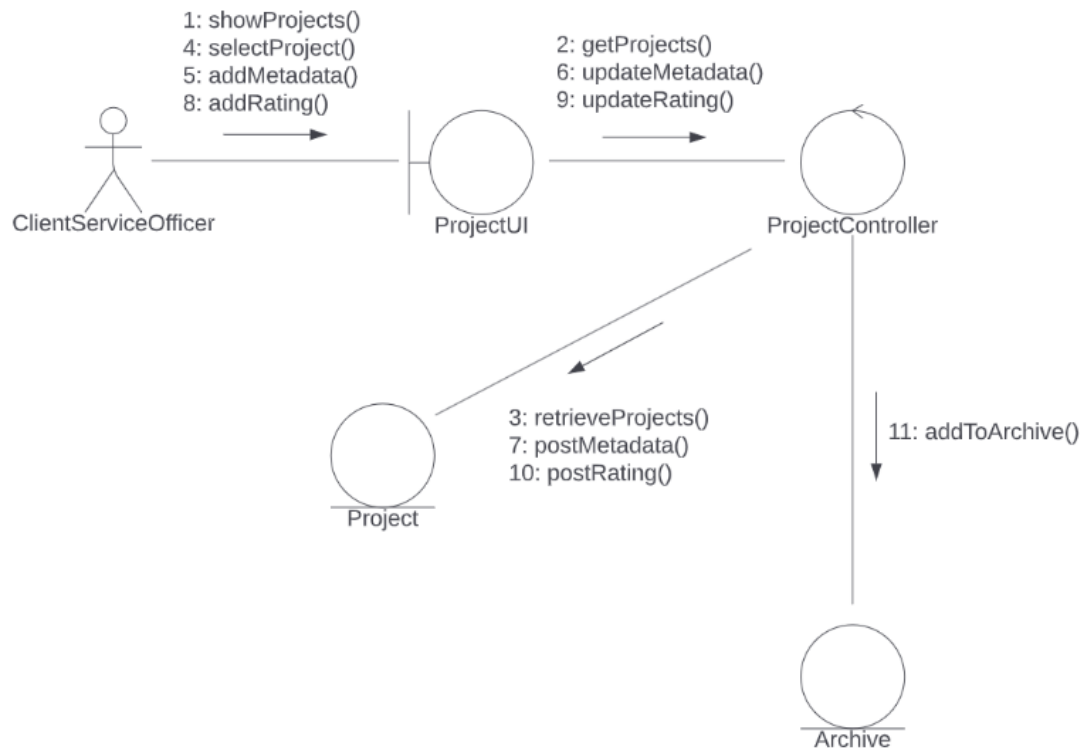


Figure 7.2: Finish Project

7.3 Project Creation

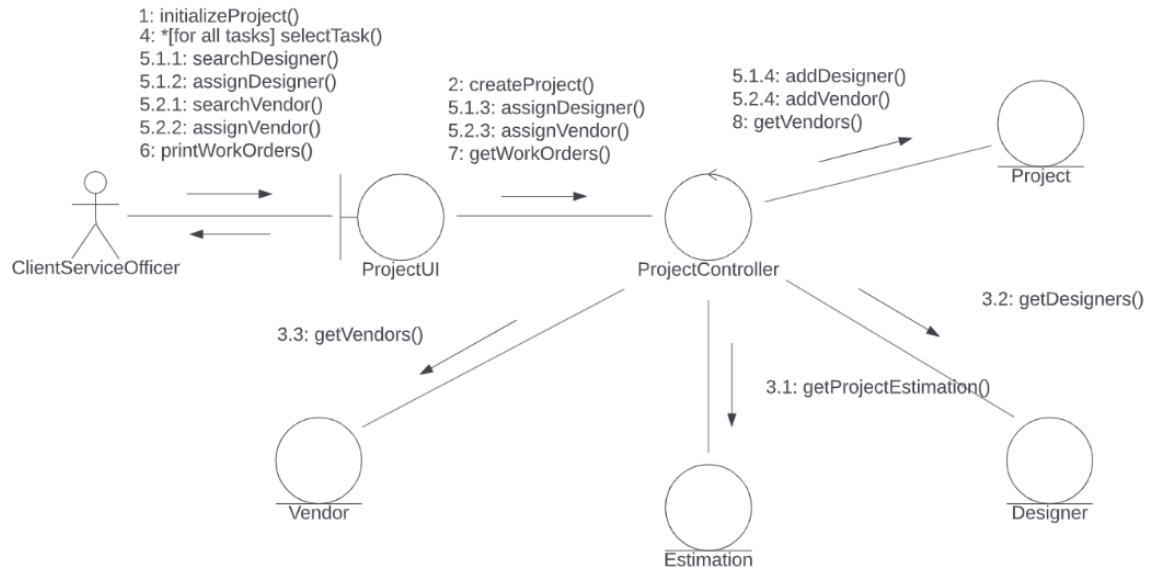


Figure 7.3: Project Creation

7.4 Search and Filter (Designer)

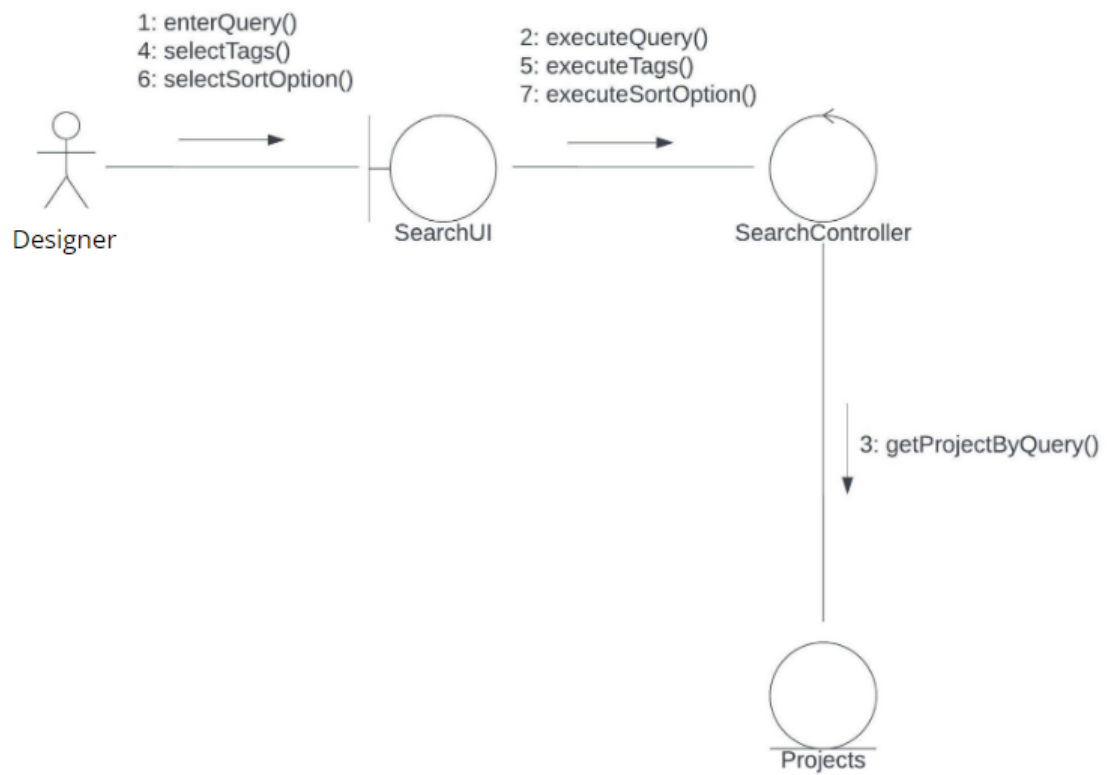


Figure 7.4: Search and Filter (Designer)

7.5 Search and Filter

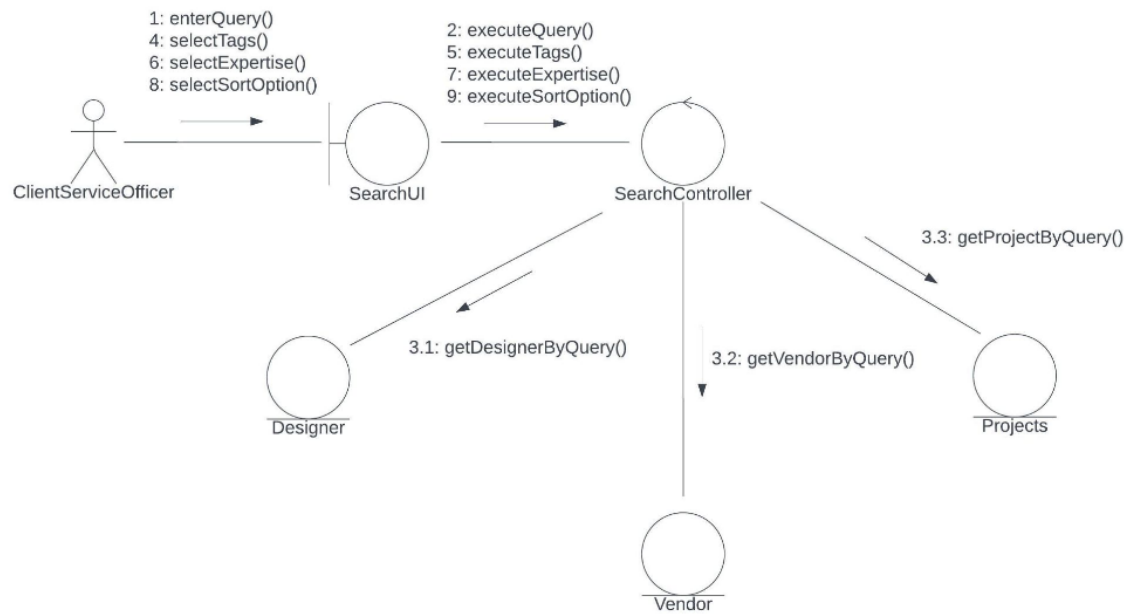


Figure 7.5: Search and Filter

7.6 Task Update

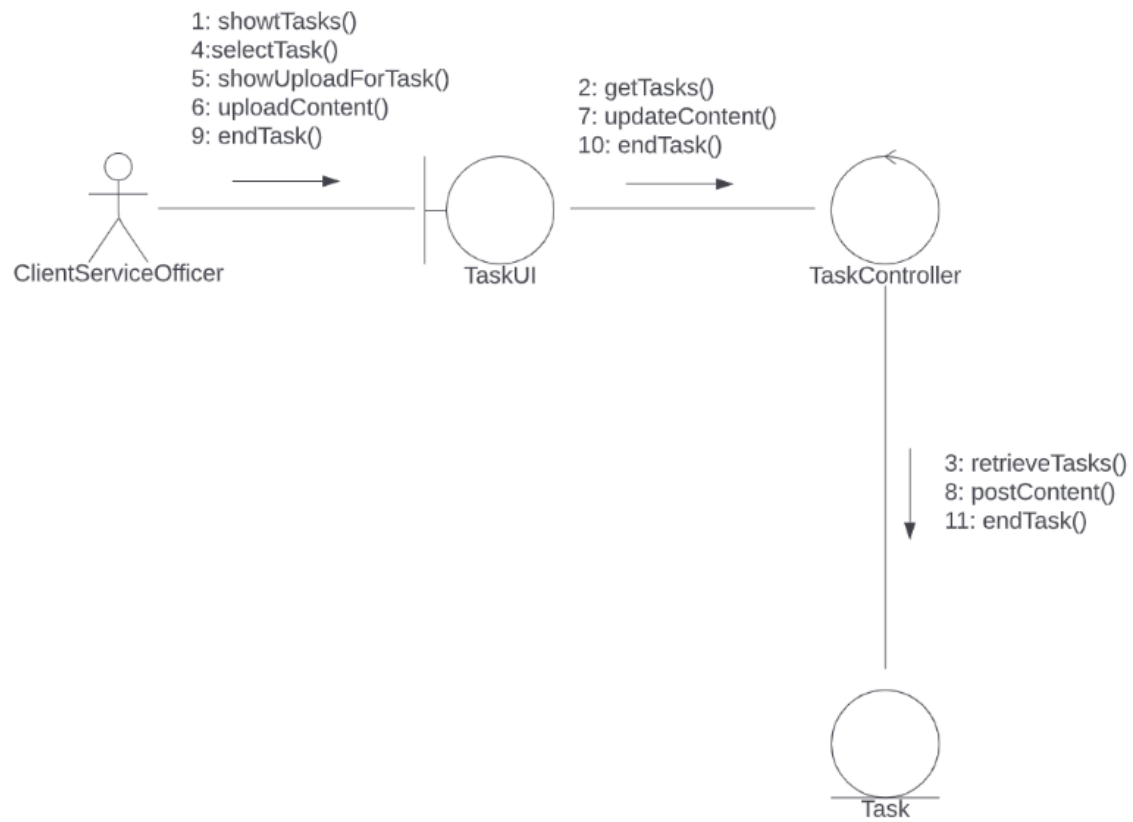


Figure 7.6: Task Update

Chapter 8

State Diagrams

8.1 Estimation

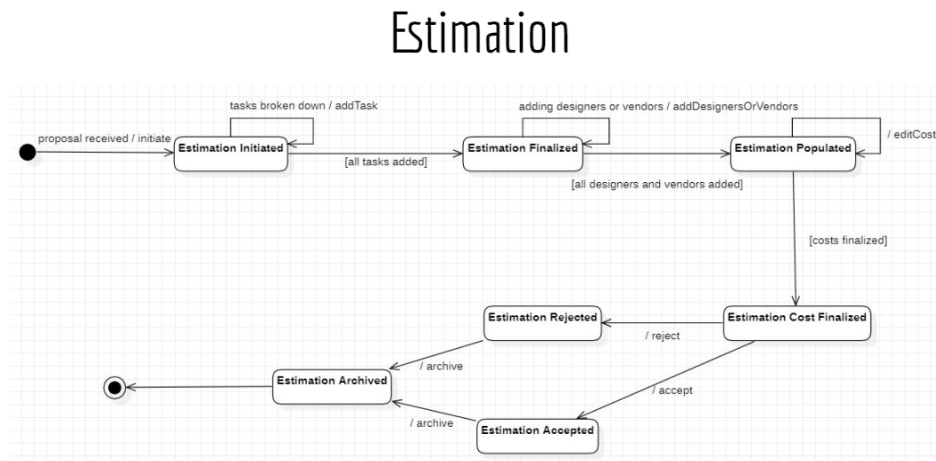


Figure 8.1: State Diagram for Estimation

8.2 Project

Project

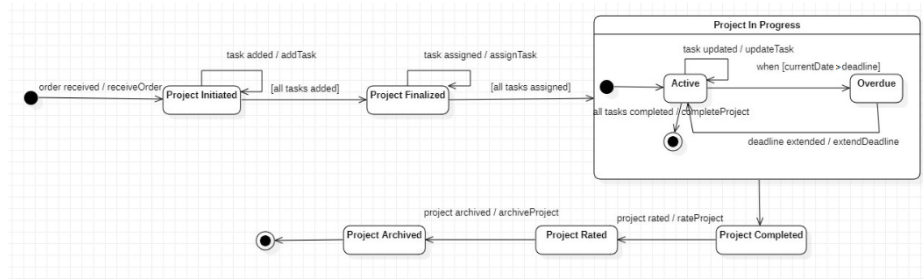


Figure 8.2: State Diagram for Project

8.3 Task

Task

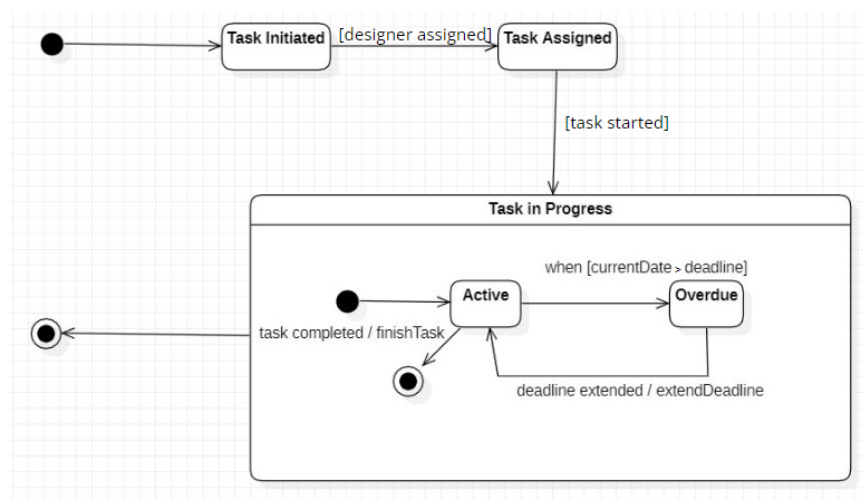


Figure 8.3: State Diagram for Task

Chapter 9

Mock UI

9.1 Client Service Officer UI

Dashboard

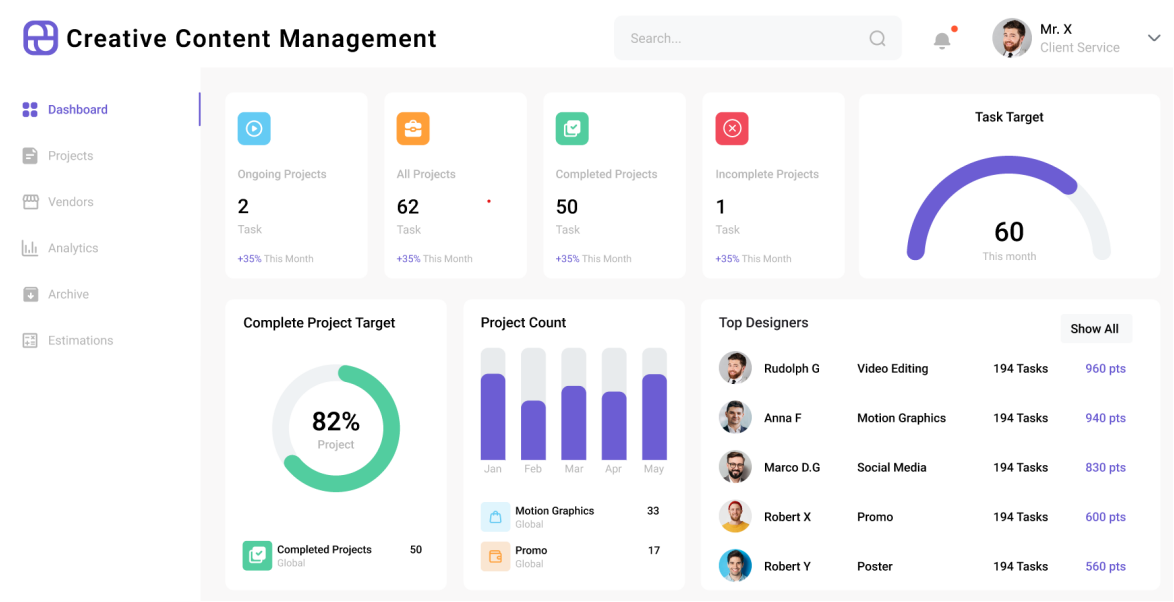


Figure 9.1: Dashboard

9.1.1 Designer Stats

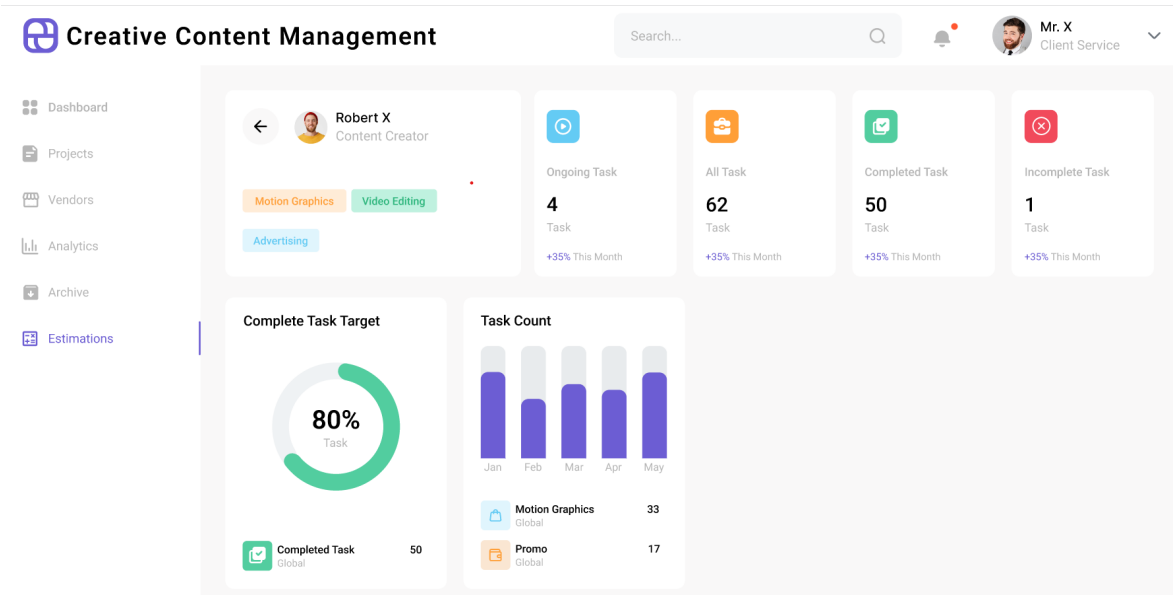


Figure 9.2: Designer Stats

9.1.2 Estimation

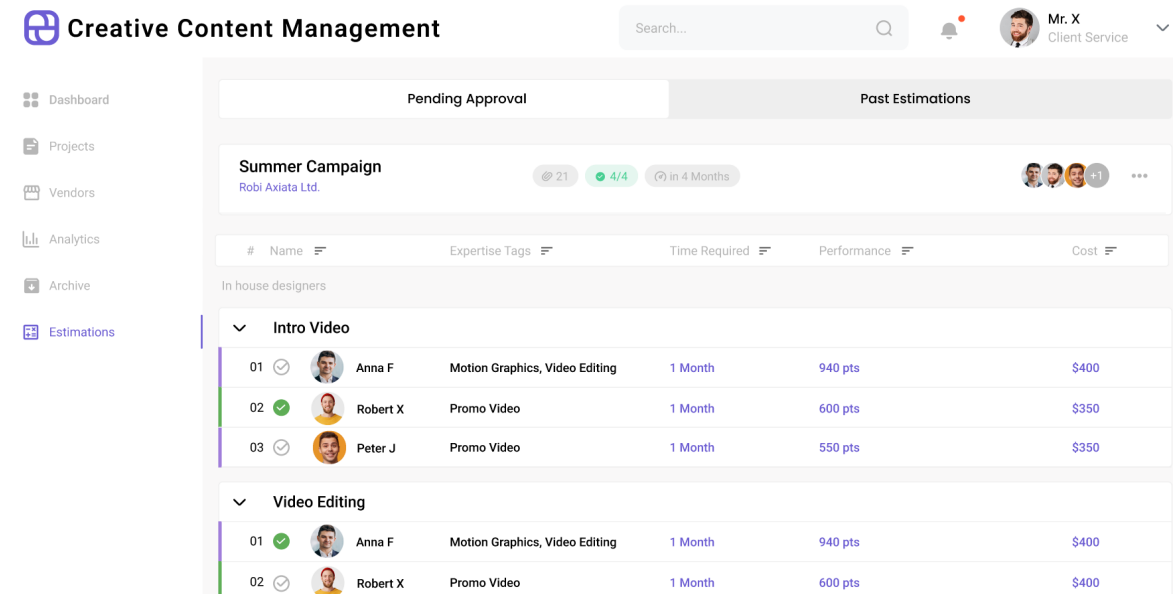


Figure 9.3: CSO Estimation

9.1.3 Project

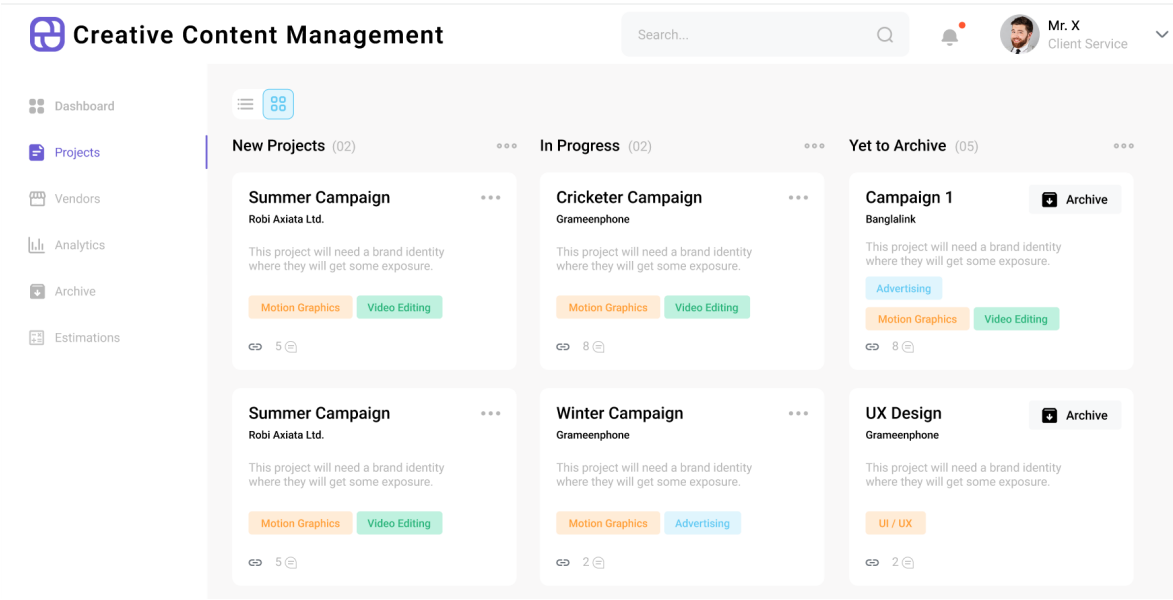


Figure 9.4: Project

9.1.4 Vendors

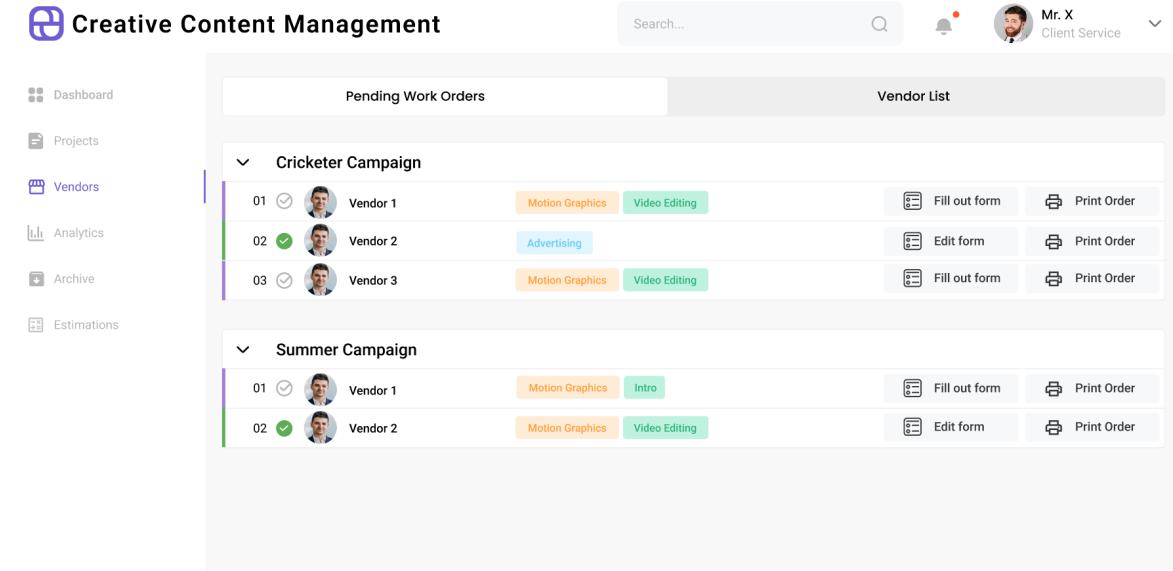


Figure 9.5: Vendors

9.2 Designer

9.2.1 Dashboard

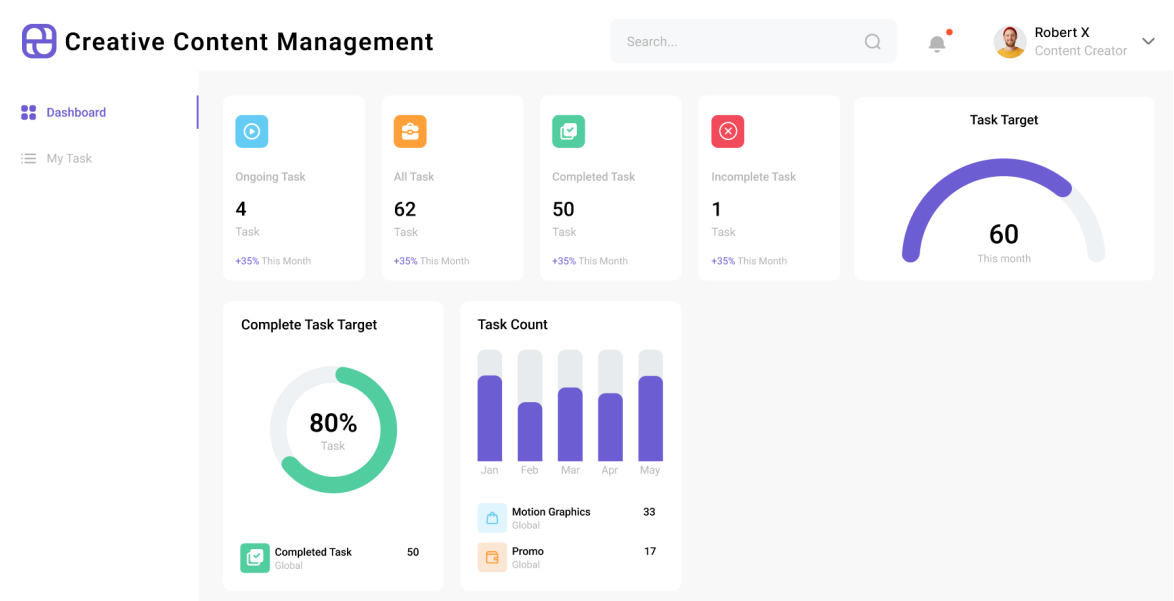





Figure 9.6: Designer Dashboard

9.2.2 My Task

 **Creative Content Management**

Search...



Dashboard

My Task















#	Task name	Task Tags	Project	Assigned By	Due Date
In Progress					
01	 Intro Video	Motion Graphics	Cricketer Campaign by GP	 John Doe	28 Dec, 2022
02	 Create promo	Promo	Summer Campaign by Robi	 Martin Luther	20 Dec, 2022
03	 Title Animation	Motion Graphics	Cricketer Campaign by Robi	 John Doe	30 Dec, 2022
Show All					
History					
01	 Intro Video	Motion Graphics	Summer Campaign by GP	 John Doe	6 July, 2022
02	 Create promo	Promo	Cricketer Campaign by Robi	 Martin Luther	16 Sept, 2022
03	 Title Animation	Motion Graphics	Cricketer Campaign by Robi	 John Doe	12 Oct, 2022
04	 Logo Animation	Motion Graphics	Campaign 2	 John Doe	4 Dec, 2022

Figure 9.7: Category Search

9.3 Top Management

9.3.1 Dashboard

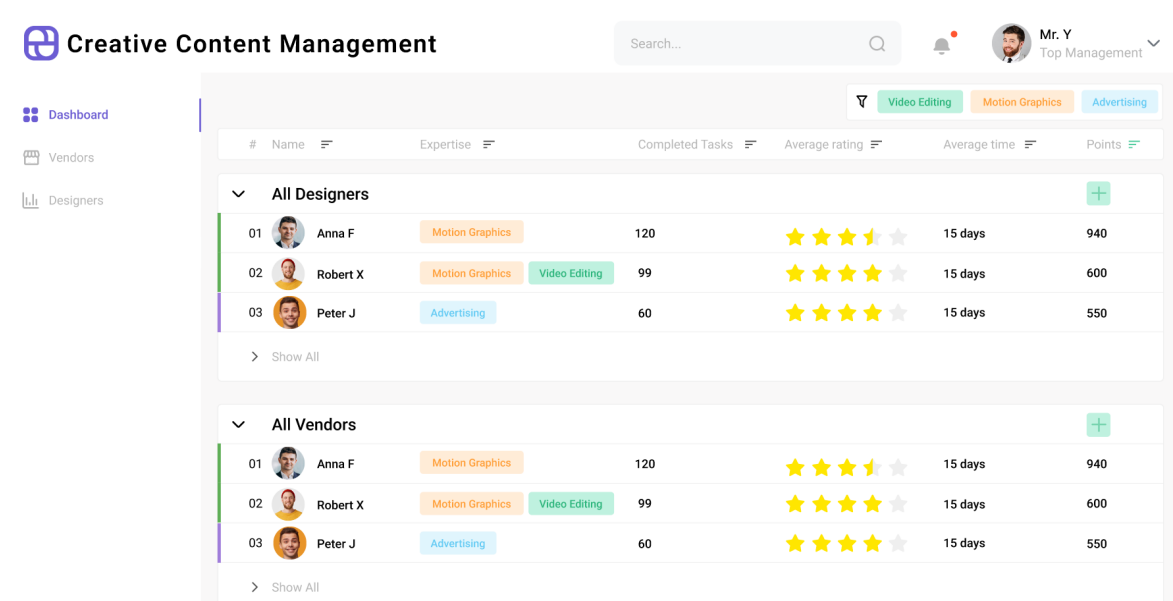


Figure 9.8: Top Management Dashboard