

MVF Scope: “Create project” function

Create project

After logging in (assuming they're already made an account, they will have to create a project. There will be a graphical interface and an input field.

Validation test

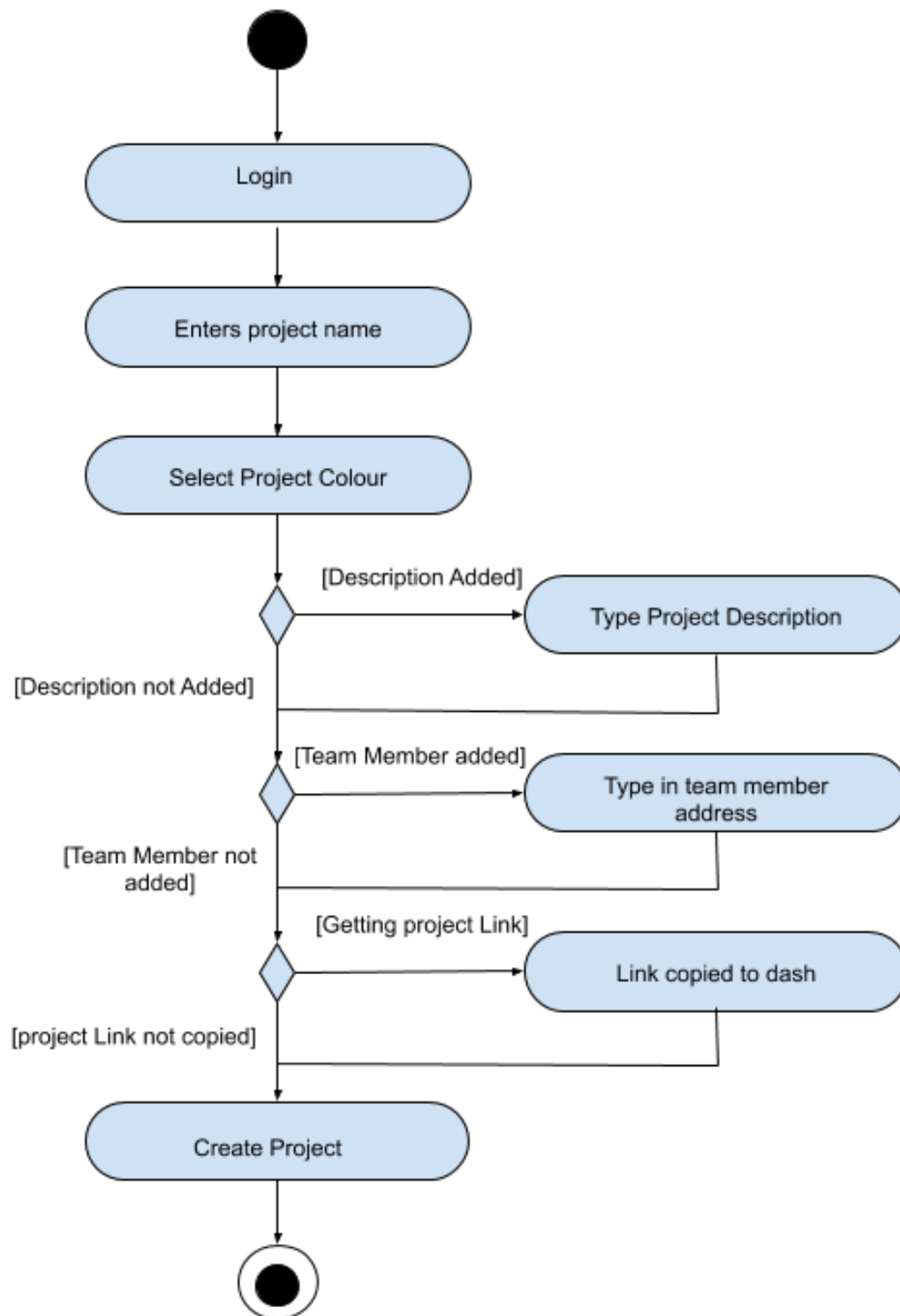
When users type in text in the enter project name form and click add Team name is added to the database and project name appears on interface to indicate that project is created.

file:///C:/Users/benja/Downloads/Assignment%20part%202%20(3).pdf

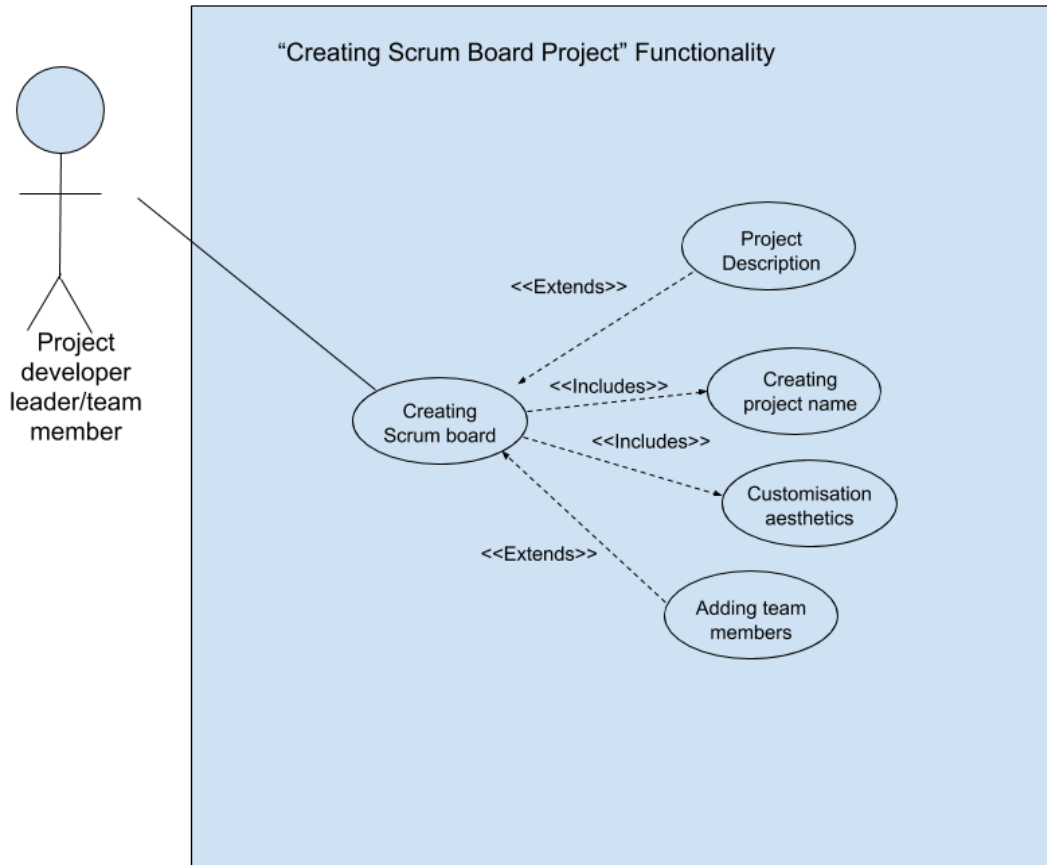
User Story

Story #1: Team leader creates the team project board		Priority	
		Effort	
As a	member and head leader of a development team		
I want	to be able to create a project scrum board within a project management system		
So that I can	manage, record describe a set of meetings, tools, and roles that work in concert to help teams structure and manage their work		
Acceptance criteria	Criterion 1: Given that I'm creating the team project scrum board When I finish setting up the team name, adding members, description, aesthetics Then I should be taken to the newly created board where I'm able to customise and start adding notes <ul style="list-style-type: none">• And can add team members later on (and they can add		

Activity Diagram



Use Case Diagram



Plan for “Create project board”

Learning, Research, Design, Coding, Testing

Learning:

For the proposed project, we’ve decided to use a mixture of client-side and back-end side of web programming such as HTML, CSS and Javascript as the main programming languages to code our web application for the scrum board. Before this semester I’ve had very little knowledge on web programming and am currently studying web programming parallel to this unit. Learning to code should take approximately 1-2 hours a week, for around 3-4 weeks. This will be done before the actual implementation of coding, during the design phase

1-2 hours (each week during design phase)

1-2 hours (each week during developing phase)

Learning on:

- **Revision on HTML5, CSS**
- **Design Basics, Software development**
- **Case/UML diagrams**

Research:

Learning and research will be intertwined within the project as in order to “Learn” how to build the function, we need to research javascript programming techniques.

1 hour (each week throughout the whole week)

Javascript is probably the most complex language to learn as it provides the functionality to the website we are creating. More coding/research will need to be put into saving files onto a database (the overall project) which is outside of this MVF

Research on:

- **SQL databases, revision**
- **PHP, parallel to Web programming unit**
- **Javascript, more complex functionalities**

Design:

Designing of the overall function shouldn't be time consuming, the supposed timing for the design of the “Create projection” function should take around 2 hours every week for the 3-4 weeks we have to design.

2 hours each week (this may extend depending on the variants of design i create)

Initial Mockup of Screens
User Story
Use Case Diagram
Activity Diagram
Figma implementation

<https://www.figma.com/> (potential tool to use for designing the screens)

Coding

Coding will be extremely extensive on the time as discovering how to code the functions will take a-while from my semester knowledge of Javascript, Each week during development of code should take around 4-6 hours, depending on other factors such as other units

divided to 3 tasks:

- **JavaScript Functionality**
- **HTML 5 Design**
- **CSS Design**
- **PHP Serverside, (saving files)** may be done later

Testing

Testing may overlap between coding and the testing phase. The testing of the “Create project” function should take overall,

How will this minimal viable feature be tested?

- The “create” project” screen would be similar to a registration form, meaning that some validation rules would be applied to the screen
- Client/server side validation
- Potentially using HTML or Javascript validation

Technologies:

- WINSCP
- GoogleDraw
- VS code
- SQL
- Figma
- Google chrome dev tool

User Story

Story #1: Create grid with categories		Priority	
		Effort	
As a	member and head leader of a development team		
I want	To be able to place the written notes in the categorised slots within the board		
So that I can	Manage, and allocate the notes accordingly to the category you belong		
Acceptance criteria	<p>Criterion 1: Given that I'm creating the notes</p> <p>When I finish typing up a task on a note</p> <p>Then I should be able to move the note to the correct category</p> <ul style="list-style-type: none">• Team members can add their own notes• Team members can move their own notes to different categories as well•		