

Team 13 Initial Project Description

Team Number: 13

Team Members: Aaron Harpt, Peyton Doherty, Alec Horlick-Mills, Tyler Rains,
Tucker Wienke

Project Name: Musa

Project Budget: \$0

Project Synopsis:

Finance budgeting web application which allows users to track their expenses, income, investments, assets, and manage a monthly budget.

Project Description:

Budgets are powerful tools that anyone can utilize to help accomplish their financial goals. Having a useful application which makes it easier for people to manage their finances helps everyone. As big budget users ourselves, undertaking this project allows for us to make the perfectly fine-tuned budget application. This is a project that we will actually use everyday and be able to use even beyond this class. We are all going to be moving into our careers after our senior year, so our application will be very useful to help us manage our money and best set ourselves up for the future. By having a budgeting application that is easily accessible, we can make sure we are not overspending and can effectively save money.

Musa addresses our needs by being a useful budgeting application designed specifically to how we want it. It also addresses a great opportunity as we feel other

budgeting applications, especially web applications, do not organize and provide the features exactly how we would want it. This gives Musa an opportunity to fill this void and offer a better experience than current budgeting applications. The end result of the project will be a fully functional budget application. The user will be able to set budgets for different categories, track expenses and income, and view investments and assets. It will be created as a web application that users will be able to access online on any operating system.

Project Milestones:

First Semester

1. Decided project technologies (9/29 - 10/20)
2. Project Proposal and video (10/13 - 11/1)
3. Completed setup of JIRA, github repository, and coding standards document (10/20 - 11/1)
4. Created rough sketch of the frontend (11/1 - 11/24)
5. Planned out backend/database (11/17 - 12/10)

Second Semester

1. Finalized design document (1/19 - 2/2)
2. Built out frontend functionality (1/19 - 4/13)
3. Built out backend/database functionality (1/19 - 4/13)
4. Frontend and backend are fully connected, tested, and completed (4/13 - 4/27)
5. Finalized project video and quad chart (4/20 - 5/6)

GANTT Chart is on the next page

Task Name	Assigned To	Oct					Nov				Dec		
		Se	Oct 3	Oct 10	Oct 17	Oct 24	Oct 31	Nov 7	Nov 14	Nov 21	Nov 28	Dec 5	Dec 12
1 First Semester													
2 Decided Project Technologies	Full Team												
3 Project proposal video	Full Team												
4 Completed project management setup	Full Team												
5 Created rough sketch of the frontend	Full Team												
6 Planned out backend/database	Full Team												
7													

Task Name	Assigned To	Jan					Feb					Mar				Apr					May 1
		Jan 2	Jan 9	Jan 16	Jan 23	Jan 30	Feb 6	Feb 13	Feb 20	Feb 27	Mar 6	Mar 13	Mar 20	Mar 27	Apr 3	Apr 10	Apr 17	Apr 24	May 1		
1 First Semester																					
2 Decided Project Technologies	Full Team																				
3 Project proposal video	Full Team																				
4 Completed project management setup	Full Team																				
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8 Second Semester																					
9 Finalized design document	Full Team																				
10 Built out frontend functionality	Peyton, Tucker																				
11 Built out backend/database functionality	Alec, Aaron, Tyler																				
12 Frontend and backend are Completed	Full Team																				
13 Finalized project video and quad chart	Full Team																				