| **Project Proposal** | Last Updated:  February 7, 2022 |
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| *Project - Ensemble; Team - G6 Devs; Advisors - Dr. Chang, Dr. Khezrimotlagh* |
| *Members - Kody Backenstoes, Sabriya Fathima, Josip Kapular, Christopher Roberts, Ryan Ward* | |

Description: This document is a proposal created by G6 Devs for the Ensemble software developed in fulfillment of requirements for CMPCS 488. The document contents have been agreed upon by all members of G6 Devs.

Content:

| Objective - To create a desktop application usable by organizations to manage company projects. The application contains Projects created by a user, each with its own collection of Components that hold information about each Project. Each Project is required to have an Investment Cost, Return Profit, Project Timeline which describes the expenses, profit, and deadline respectively. Each Project can be enhanced using Components, which add information such as Members, Files, a Benchmark Timeline, etc. The Project Timeline for each Project is represented on a Company Timeline, and expenses of old Projects are used to estimate Return On Investment for new Projects upon creation. Project Members will be capable of posting messages on Projects, communicating with their Project Managers about different issues. A Project Manager will be able to look through Projects and handle issues arisen from posts, or from those that spawn from overdue tasks and budgeting programs.  Important Links   * [Github Repository](https://github.com/ChrisR2487/Ensemble)   Members   * Kody Backenstoes - [kab6903@psu.edu](mailto:kab6903@psu.edu) * Sabriya Fathima - [szf59@psu.edu](mailto:szf59@psu.edu) * Josip Kapular - [jpk5425@psu.edu](mailto:jpk5425@psu.edu) * Christopher Roberts - [cmr663@psu.edu](mailto:cmr663@psu.edu) * Ryan Ward - [rdw5286@psu.edu](mailto:rdw5286@psu.edu)   Roles   * Kody Backenstoes - Software Developer, Testing Lead * Sabriya Fathima - Software Developer, Graphics Revisor * Josip Kapular - Software Developer, Database Manager * Christopher Roberts - Software Developer, Repository Manager * Ryan Ward - Software Developer, Diagrammer, Communicator   Project Advisors - Dr. Sukmoon Chang, Dr. Dariush Khezrimotlagh |
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