Project System Evaluation
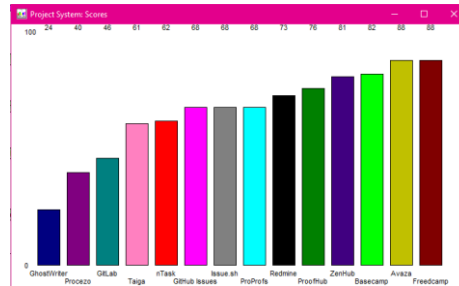
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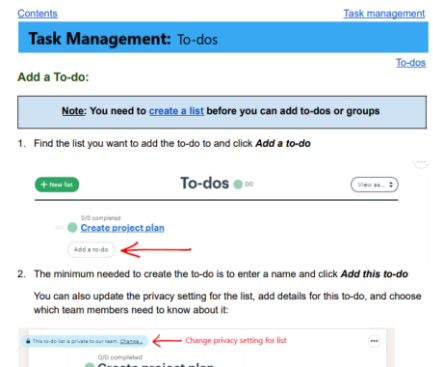**Supervisor: Robert Sutcliffe** **Client: Robert Sutcliffe**

Project System Evaluation
Ratings: 1 (Very poor), 2 (Poor), 3 (Average), 4 (Good), 5 (Very Good)

	Audit 20.9	Project Management 20.9	Integration 17.1	Accessibility 17.1	Access Control 9.5	User Feedback 9.5	Cost 5	Weighted Score
GhostWriter	3	1	1	3	1	1	5	196
Procezo	3	3	2	4	1	2	1	261.5
GitLab	2	2	3	4	4	3	3	284.8
Taiga	4	2	3	4	5	4	3	345.6
nTask	4	4	3	3	3	4	2	346.3
GitHub Issues	4	2	5	4	4	4	3	370.3
Issue.sh	4	3	5	4	4	2	3	372.2
ProProfs	4	4	2	5	4	4	2	372.9
Redmine	5	4	4	2	5	3	4	381.7
ProofHub	4	5	2	5	5	4	2	403.3
ZenHub	5	3	5	4	4	4	5	422.1
Basecamp	5	3	4	5	4	5	4	426.6
Avaza	5	5	4	5	5	3	3	453.9
Freedcamp	5	5	4	5	5	3	3	453.9

Weighted Decision Matrix

Sensitivity analysis using V.I.S.A

Example of procedural instructions

INTRODUCTION

Project management systems make it easier to plan and manage the Capstone Project - but finding (and learning how to use) one can be difficult and stressful. The lack of consistency between project management tools used by project teams can also make it more challenging and time-consuming for staff to assess or review student work.

The goal of this project was to suggest a solution to these problems by identifying a project management system that is suitable for the requirements of the Capstone Project, and then developing procedural instructions designed to meet the needs of different types of uses, for example - Students, Clients, and Advisors.

DEVELOPMENT

The project methodology used was Adaptable Project Management (APM) methodology which combines elements of Agile and 'Project Management for All'. This methodology focuses on working as a team, producing quality products, product-based planning, reviewing progress, and regular communication with the client.

The project plan was based around the development of the three main deliverables.

1. Recommendation report

The report contained a shortlist of four project management systems which were determined to be suitable for the needs of the Capstone Project and was used by the Client to make the final selection. Developing the report involved gathering requirements and researching 50 different options. A Weighted Decision Matrix, and sensitivity analysis was used to evaluate and compare the project management systems. The project Client chose Basecamp based on the report's recommendations.

2. Procedural Instructions

In this phase the project team gathered requirements by interviewing the Client and conducting user research. After the instruction documents were created as Google Docs, two rounds of testing were done to test their usability and find ways to improve them. The completed instructions were converted to PDF format.

3. Presentation

The final development phase was to plan and present the project findings, Basecamp, and the instructions to Capstone Project staff.

CONCLUSION

This project was completed on time, and to the standards required by the client. During the second round of user testing the testers found the instructions helpful and easy to use. The project was a good opportunity to learn how to manage a project, maintain team relationships, and use analysis methods to develop products which meet user needs.