COMP3000

Computing Project

2020/2021

Abacus, Small Business Manager.

Links
Source code: https://github.com/mike0891/Abacus

Backlog:
https://tasks.office.com/live.plymouth.ac.uk/Home/PlanViews/BL4b6OplI06CFmh6eAyorpY
AHIvz?Type=PlanLink&Channel=Link&CreatedTime=637392636970820000

Project Vision

For: Small business owners.
Who: Need to manage their first employee.
The: Abacus.
Is a: accounting software.
That: provides multiple simple tools, in one place to manage staff and inventory.

Risk Plan
Risks descriptions:

ID	Risk	Probability	Influence	Effects	Risk Exposure
R1	Unrealistic time frame	High	Medium	Schedule	Take action
R2	Not meeting specification	Medium	High	Quality	Take action
R3	Change in specification	Low	Medium	Schedule	Consider
R4	Software not being usable	Medium	High	Quality	Take action
R5	Gold plating	Low	Low	Schedule	Consider
R6	Unexpected requirements	Medium	High	Schedule	Take action
R7	Third-party tools not meeting requirements	High	Medium	Schedule	Take action
R8	Slow software	Medium	Medium	Quality	Consider
R9	Unattainable feature set	Medium	High	Quality	Take action
R10	Developer sickness	Medium	High	Schedule	Take action
R11	Loss of work	Medium	High	Schedule	Take action

Risk management:

ID	Migrating action
R1	• Spend appropriate amount of time planning sprints. • Split project up into appropriate number of sprints. • Use Requirements Scrubbing.
R2	• Using prototyping to plan first iterations. • Evaluate product against the specification. • Employ user survey as an evaluation tool.
R3	• Develop in sprints. • Develop less important features later in the products life cycle.
R4	• Employ user survey as an evaluation tool. • Regular testing and benchmarking. • Evaluate product against the specification.
R5	• Use Requirements Scrubbing. • Re-evaluate the specification after each sprint.
R6	• Evaluate product against the specification. • Adequate sprint zero planning. • Peer reviewing and / or user testing.
R7	• Adequate sprint zero planning. • Documenting of all third party's and their use in the project. • Regular testing and benchmarking.
R8	• Regular testing and benchmarking. • Using prototyping to plan first iterations.
R9	• Evaluate product against the specification. • Re-evaluate the specification after each sprint. • Adequate sprint zero planning.
R10	• Spend appropriate amount of time planning sprints. • Split project up into appropriate number of sprints. • Make adequate work schedules that do not go in to rest periods. • Use Requirements Scrubbing.
R11	• Use a version control software. • Make regular backups. • Develop less important features later in the products life cycle.

Keywords