

# Requirements Review

for

PPALMS

Version: 1.0

Reviewer(s): Jack Sellner

Date: 10/16/2022

Reference: Checklist for Requirements Specification Reviews

Location	Description	Question/Checklist Item	Resolution
2.1	User diagram was only to Appendix B	Are all internal cross-references to other requirements correct?	Added specification to section 6.2.1 (Jack)
General	Should add error message specifications	Are any specified error messages unique and meaningful?	Added exception paths with described error messages to each use case in section 4. (Sam)
1.3	Lack of detail or clarity in scope	Are all requirements written at a consistent and appropriate level of detail (aside from TBD)?	The scope has been expanded to at least cover the expected path of a user, and mentions that the LMS upload is outside of it. (Sam)
2.2	Provide more detail on why the instructor is the only user class and explain the class's main goals	Are all requirements written at a consistent and appropriate level of detail (aside from TBD)?	User classes are expanded to cover more users, to reflect 1.2. (Sam)
3.1	Some users may not be familiar with command line usage. In the user interview it seemed the command line would not be sufficient? Double check that requirement	Are all internal cross-references to other requirements correct?	Comment has been added explaining the time constraints causing command line usage, while expressing intent to make any future GUI easy to implement. (Sam)

3.3	Potentially need more detail on the API, its goal, its general plan of development	Are all internal cross-references to other requirements correct?	The API has been expanded on, to reflect its mention in the scope. (Sam)
2.3	Should user be able to access old quizzes and/or old questions, specify.	Do any requirements conflict with or duplicate other requirements?	I've separated out the uses to seeing old quizzes and problems, and mentioned where they are found. (Sam)
1.2, 2.2	1.2 target audience seems to differ from 2.2 user classes. Clean up redundancies in 1.2 or add user classes or details into 2.2	Do any requirements conflict with or duplicate other requirements?	Target audience is more correctly expressed, and section 2.2 is rewritten to cover each of them in better detail. (Sam)
4.3.3	Capitalize after colon	Is each requirement free from content and grammatical errors?	Fixed. (Sam)
4.2.2	Remove comma before and	Is each requirement free from content and grammatical errors?	Removed comma (Jack)
4.2.2, 4.1	Colons after step instead of semicolons	Is each requirement free from content and grammatical errors?	Semicolons have been deemed appropriate for this usage. (Sam)
4.2.2	Capitalize compile	Is each requirement free from content and grammatical errors?	Handled when step numbers were added. (Sam)
1.2	Remove comma before last and in section	Is each requirement free from content and grammatical errors?	Removed comma (Jack)
4.2.2	Space in "indepth", remove double of	Is each requirement free from content and grammatical errors?	Added space, removed one of the of's (Jack)
Section 4	Add extension points, pre/post conditions, triggers, and assumptions to all use	Is any necessary information missing from a requirement? If	Use case sections were added and populated as described. (Sam)

	cases (User process)	so, is it identified as TBD?	
5.4	Add a bit more detail to security section on levels of security and/or reason	Are all security and safety considerations properly specified?	Added a more detailed explanation of the security risk assessment and potential features. (Jack)
5.3	Add explanation for time cap and the trade offs that will accompany that. Likewise, further explain about storage limitations as discussed in section 2.5.	Are other pertinent quality attribute goals explicitly documented and quantified, with the acceptable tradeoffs specified?	Added additional explanation and assessment of performance requirements. (Jack)
Section 4 and 5	Add priority levels to requirements, specifications, features, limitations	Is the implementation priority of each requirement included?	These already exist, included as a part of use cases under Description and Priority. (Sam)
4.2.3, 4.3.2	Put periods at end of steps or requirement sections	Is each requirement free from content and grammatical errors?	Periods added. (Sam)
Section 4	Add alternate paths and exception paths	Are all alternate paths and exceptions defined in a verifiable way?	Added path sections (Sam)
Section 4.4	Change subsections from 4.2 to 4.4 (warning if you can't find an revision here that's labeled as 4.2 may be in 4.4 due to this issue)	Is each requirement free from content and grammatical errors?	Changed subsection name (Jack)
Section 6.3	Check TBDs	Are TBDs still TBD (can any details be added)?	Added some more detail to applicable sections