

Proof of Concept Demonstration Plan for Quarters

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Identify the most significant risks

1. Will a part of the implementation be difficult?
 - Learning all of the software.
 - Ensuring privacy of user information with respect to the server/client.
 - Reliability of server.
 - Interfacing the payment system.
 - Multilayer notifications.
 - File storage and serving.
 - Designing an effective UI.
 - Designing an effective database schema.
2. Will testing be difficult?
 - Generating and automating all possible test cases.
 - Compiling all test suites into an easily accessible page.
 - Designing effective qualitative tests for our UI.
3. Is a required library difficult to install?
 - N/A.
4. Will portability be a concern?
 - Ensuring it is both desktop and mobile compliant.
 - Ensuring it is compatible on different web browsers.
5. Will the project size/scope be feasible? Etc.
 - Implementing all of the desired features.

Describe what you will demonstrate to show the risks can be overcome.

- Testing will be critical to help us address our risks from Part 1. The only way to determine if something does not work or does something it is not supposed to is via testing.
- Using test subjects to test our UI.
- Creating an easily expandable web framework.
- We may have to prioritize designing for specific web browsers as well as for the desktop or mobile if one or the other is too challenging.
- We may have to prioritize which features of our web application to implement if time becomes a constraint.