Test Plan

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Project: Assignment: Write a Simple App Test Plan

Introduction: I came up with the idea for a home remodeling app. The name of the app would be Home Remodeling Made Easy. The app itself can be used by anyone who is needing or wanting to remodel their home. The idea of the app would be you take a picture of the room you want to remodel, and then within the app you can change what the flooring looks like and you can change the wall colors too, this way you can see a glimpse of what the updated room would look like before actually having to change anything. I made this app so that it helps people when they are remodeling their home, so that they know what’s available in their area, and so they can get an idea of what would look good in their home. This way when they’re looking at new flooring they won’t have to guess if they’ll like it and if it will look good in their home. This way they can get a real glimpse of what it would look like, before everything is changed.

Overview: The idea of this project is to create a Test Plan for an app, and to imagine what it does and what we need to make sure it’s working.

Scope: With testing we hope to make sure that all the buttons are working correctly, make sure that everything is filtering correctly, and we want to make sure that the app can correctly display the flooring in the app without freezing or without covering the entire picture. The first part of the app that would most likely be tested would be taking a picture within the app, the next step would be the zip code and filtering buttons. The last part would be making sure that the app can correctly display the flooring/wall options within the picture that was taken.

Team: I would have myself and two other people who are the main testers. So the three of us would check everything in the app. There would be two people who check the zip code and the filtering options. There would be two people that check the wall options, and two people to check the flooring options. And three people that would check that all the options are displaying correctly in the pictures that are taken.

Objective: The main objective would be to make sure that the app works correctly without crashing.

Goals: To not have the app crash.

Objectives: If the app crashes during testing, we would need to pause the testing phase until the app can be fixed so that it doesn’t crash, and then the testing phase would continue again.

Test Strategy: When testing the pp we will check the performance metrics, the error rates, and the test coverage.

Type of Testing: We will test for functionality, and for performance.

Testing Environments: We would test the app on phones.

Device Matrix:

|  |  |  |  |
| --- | --- | --- | --- |
| Platform | OS | Browser | Version |
| iPhone | iOS | app | 12 |

Test Deliverables: Test strategy, test plans, test scripts.

Test Cases: Make sure all buttons work, everything filters correctly, displays images correctly, makes sure nothing freezes, makes sure everything is functional.

Test Schedule: To test the app for one month. Make sure everything works correctly. Then if needed test for another month, until problem is fixed.

Risks: Risks could be the buttons not working, an image not displaying correctly, the app freezing.