5 Star GC – Reassembl-EZE - iOS

Have you ever tried taking something apart and then putting it back together again? Almost anyone who has ever engaged in this kind of activity has at least once run into the challenges of: either 1) not quite fully remembering how it goes back together, or 2) getting it back together and having a part or two left over. OOPS! Well, never again! Help develop the app that makes this problem a thing of the past.

Company Background: 5 Star GC is a small Colorado company with a novel idea. Founded by Colorado local, Aaron Rose, 5 Star GC is a company that specializes in residential construction and repair services. Throughout the course of performing projects for our clients we have understood the need to accurately disassemble appliances (or anything really), keep track of their components and reassemble them correctly. Having searched for a solution to this specific problem and finding nothing that adequately addresses the need, 5 Star GC is ready to fill this need in their workflow and in the marketplace. Upon fully completing and testing the app, the plan is to release it on the major marketplaces in conjunction with a physical product for sale.

Project Summary: The goal of this project is to further develop our mobile app for the iOS platform that allows the user to document the steps of their disassembly, track and label the components, make notes along the way, and then walk backwards through reassembly. This app will involve taking and saving a series of photos and adding a variety of editable notation to them in a progression. There should be a capacity for adding/saving/closing/reloading multiple projects within the app. This is a very basic description and is intentionally vague for idea protection purposes. Other app features that could be added (depending on time) would be: product store with shopping cart, support database, etc. Attention should be given not only to functionality, but also ease of use and clean visual design. A full concept for the app and its features has been developed, but if the team members happen to have ideas to better the final product, their input would be welcome.

The Team: Preferred Team Size: 3-5

Location: On Campus company/team meetings are acceptable.

Intellectual Property:
- Each team member will be asked to sign an NDA with Aaron Rose and 5 Star GC.
- 5 Star GC would require that the project and all parts be assigned to and owned by the company.

Student Benefits:
- Opportunity to work on the development of an app that will be available on the Apple and Google Play app stores
- Future internship/permanent employment opportunities available
- Positively impact a local business

Useful Skills/Software:
- React Native
- Node.js
- JavaScript
- Xcode iOS emulator
- Firebase

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