PROBLEM ANALYSIS MATRIX

|  |  |
| --- | --- |
| **Project:** Share Factory | **Project Manager:** Elijah Gartin |
| **Created by:** Elijah Gartin | **Last Updated by:** Elijah Gartin |
| **Date Created:** 7Jul2013 | **Date Last Updated:** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CAUSE AND EFFECT ANALYSIS** | | **SYSTEM IMPROVEMENT OBJECTIVES** | | Proposed Solution |
| **Problem (Identify as B,O,D)\*** | **Causes and Effects** | **System Objective** | **System Constraint** |
| 1. O – Many websites exist today to help people answer their question, but there isn’t a good hub to develop best practices and share creative ways to code. 2. O - The current market has opportunity to become to create such a rich environment that users would be willing to pay subscription fees to participate in the site. | 1. 1. Sometimes an answer to a question is unclear or uncomplete    2. Finding answers can be cumbersome having to browse through multiple sources    3. Best Practices can help improve society and development. 2. Subscriptions are common place in the virtual market and will be easy for users to understand and will be able to increase demand for the product. | 1. Provide a clean and easy to use collaborative place for coders to share knowledge. 2. Assist professionals in developing best practices | 1. Team size is small and relatively inexperienced in developing an application from beginning to finish | 1. Build a website where knowledge is easy to share and has an intuitive interface to ensure an elaborate commenting system. |

\* B = Bug, O = Opportunity, D = Directive

An interview is possibly the most effective discovery method for this project. We will also want to meet with the project managers, business owners, a few employees, and also accounting personnel. It would also be good to look at current forms of documentation; project logging, tracking, and time tracking. This is all assuming a perfect situation.