

Project Proposal

Inventory Management System

Spark New Zealand

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VERSION CONTROL

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Author | Additions & Modifications |
| 10/01 | 1.0 | Saksham Anand | Initial Release. |
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KEY MEMBERS

|  |  |
| --- | --- |
| Client | |
| Name | Email |
| Ismail Kazmi | ismail.hazmi@spark.co.nz |

|  |  |
| --- | --- |
| Mentor | |
| Name | Email |
| Bharat Kochar | bharat.kochar@assertio.co.nz |

|  |  |  |
| --- | --- | --- |
| Team Members | | |
| Name | Roles | Email |
| Saksham Anand | Software Developer | me@sakshamanand.com |
| Barbora Sharrock | Business Analyst | barboras@missionreadyhq.com |
| Bailey Coleman | UX Designer | baileyc@missionreadyhq.com |

EXECUTIVE SUMMARY

PROJECT BACKGROUND

The number of in-home Spark team members is increasing, and they need to be able to keep track of and update Spark stock on the go. Currently there is no formalized process to keep track of where stock is, who is carrying it, how much has been sold, or how much there is. This lack of inventory management leaves a blind spot in the business, making it more difficult to schedule re-orders and manage potential losses of product.

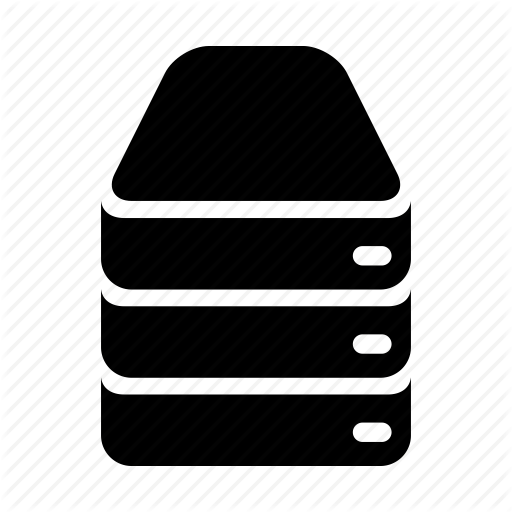
CURRENT ISSUES

PROJECT SCOPE

PROPOSED SOLUTION

The proposed solution consists of using WordPress platform as the means for user authentication and automatic security updates. Due to the limited time available for the project, WordPress platform offers prebuilt solution for user accounts and other web services, which a custom plugin for inventory management can be programmed and added during the eight weeks.

The WordPress platform will consist of a child theme that mirrors an existing theme allowing customization that suits Spark’s needs and at the same time allows automatic updates for security and compatibility issues. The site diagram can be visualised from the following diagram:



DigitalOcean Server



WordPress Platform

MySQL Database

WordPress IMS Plugin

WordPress Child Theme

The custom WordPress plugin will be interacting with Plugin API provided by WordPress.org. The plugin will be sourcing some of the code from existing ATUM WordPress Inventory Management plugin, which is available under the open source license.

SPRINT TIMEFRAME

PROJECT BUDGET

|  |  |  |  |
| --- | --- | --- | --- |
| **DEVELOPMENT RESOURCES** | | | |
|  | | |  |
| **Type** | **Unit Cost** | **Quantity** |
| Domain Name | $12.00 (USD) | 1 | $12 |
| Server | $10 | 3 (Months) | $30 |
|  | | | |
| **PROJECT TOTAL (USD)** | | | **$42.00** |

STAKEHOLDER REGISTER

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Position | Type | Contact |
| Ismail Kazmi | Client | External | Ismail.hazmi@spark.co.nz |
| Bharat Kochar | Mentor | Internal | bharat.kochar@assertio.co.nz |
| Saksham Anand | Developer | Internal | [me@sakshamanand.com](mailto:me@sakshamanand.com) |
| Barbora Sharrock | Business Analyst | Internal | barboras@missionreadyhq.com |
| Bailey Coleman | UX Designer | Internal | baileyc@missionreadyhq.com |

STAKEHOLDER MANAGEMENT

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Interest | Influence | Strategies |
| Ismail Kazmi | Moderate | High | Ismail is the Project Client. Ismail likes to be informed on team’s progress and expects emails fortnightly. |
| Bharat Kochar | Moderate | High | Bharat is the Project Supervisor. Bharat likes to be kept in the loop and prefers email communication. |
| Saksham Anand | High | Moderate | Saksham is a Developer within the group. Saksham likes to share ideas and work on them as a group. |
| Barbora Sharrock | High | Moderate | Barbora is a Business Analyst within the group. Barbora likes to make sure that the group is on tracking and working efficiently. |
| Bailey Coleman | High | Moderate | Bailey is a User Experience Designer within the group. Bailey likes to receive tasks from Barbora that she can work on. |

MONITORING & EVALUATION

PROJECT APPROVAL

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Ismail Kazmi, Project Sponsor Mission Ready HQ