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# **Busy Bee Vision**

**Version 2.0**

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BusyBee.I	

## Revision History

Date	Version	Description	Author
18/03/2020	1.0	Document inception	Carla-Maria Rusu
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# Vision

## 1. Introduction

This document is meant to provide an overview of the high-level features and to describe a general functioning of the Busy Bee web application. The application is a user-friendly event-planner in which users can create and organize events and share them with other members. The technologies used are Spring Boot (backend), Angular 9.0 (frontend) and MySQL (data storage). Explanations for acronyms and abbreviations, as well as references are provided in this document.

### 1.1 Purpose

The purpose of this document is to collect, analyze, and define high-level needs and features of the event planning application, Busy Bee. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how Busy Bee fulfills these needs are detailed in the use-case and supplementary specifications.

### 1.2 Scope

This document is associated with the event planning web application, Busy Bee. The application will need a working internet connection to function. It will be developed in Java, using Spring Boot for the backend and Angular 9 for the frontend. A MySQL database will store the data. The application will provide a useful tool for the creation and management of events.

### 1.3 Definitions, Acronyms, and Abbreviations

- Spring Boot is a Java-based framework used to create a micro Service. It is used to build stand-alone, production ready spring applications.
- Angular is an application design framework and development platform for creating efficient and sophisticated single-page apps.
- A complete list can be found in the Glossary

### 1.4 References

- Project\_UseCaseModel
- Project\_SupplementarySpecification
- Project\_Glossary
- Bibliography

### 1.5 Overview

The rest of this document contains the positioning, divided into problem statement and product position statement, the stakeholder and user descriptions and, finally, the product requirements.

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## 2. Positioning

### 2.1 Problem Statement

The problem of	Event planning and managing
affects	Individuals, groups, small businesses, families, etc.
the impact of which is	Disorganized planning, multiple to-do lists, missed deadlines
a successful solution would be	A user-friendly web application that can be accessed and modified by any member of an event in order to keep track of tasks, goals and deadlines

### 2.2 Product Position Statement

For	Individuals, groups, small businesses, families
Who	Need to plan an event
The Busy Bee	Is a web application
That	Gives the users the ability to create and maintain a shared plan of an event, add tasks and goals and define deadlines
Unlike	Manually or mentally keeping track of lists and memos or orally planning an event
Our product	Safely stores the events in an organized way; is accessible anytime and anywhere; is intuitive and shared among members

## 3. Stakeholder and User Descriptions

### 3.1 Stakeholder Summary

Name	Description	Responsibilities
Developer	The stakeholder responsible for the development of the application	<p>ensures that the project will be operating</p> <p>determines the design and implementation of the system</p> <p>is responsible for the choice of technologies and architecture</p>

### 3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Event creator	Primary end user of the system	<p>Creates an event</p> <p>Adds members (optional)</p> <p>Creates boards, cards, tasks, and due dates</p> <p>Determines the member's permissions (view or edit)</p>	Developer

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Event member	End user of the system	Modifies boards, cards, tasks, and due dates (if permission is granted)  Views boards, cards, tasks, and due dates (if permission is restricted)	Developer
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### 3.3 User Environment

- Number of users per event: at least one (the event creator); no upper limit is enforced; members can be added at any time.
- Data persistence: until a user with edit permissions deletes the event.
- Capabilities: signing up, logging in/out, creating/deleting a board, adding cards, tasks, due dates, members to an existing event.
- Environmental constraints: mobile, in-flight
- Platform: no support for mobile; works on any OS

## 4. Product Requirements

The Busy Bee application requires a working Internet connection. The application is expected to be accessible to registered users. The data is expected to be stored correctly in an external database. The members' permissions are to be enforced (no member with view permission should be able to edit).