

Vision Document - Team 3.02

Index

1. Introduction

1.1 Purpose

1.2 Scope

1.3 References

2. Stakeholder and User Descriptions

2.1 Market Demographics

2.2 Stakeholder and User Summary

2.3 User environment

2.4 Key Stakeholder or User Needs

3. Product Overview

3.1 Product Perspective

3.2 Product Position Statement

3.3 Assumptions and Dependencies

3.4 Cost and Pricing

4. Product Features

5. Constraints

1. Introduction:

1.1 Purpose:

The purpose of this document is to give an idea of what the project is and lightly touch upon the origins of the project. Initech has shown an interest to update/upgrade/convert existing Do-D-Due app to support the newest software technology. Since the existing application has to be completely revamped and rebuilt, this document will define our options of the migration path the software is likely to undergo. Moreover, the document also specifies the key features and constraints of the TODOList Android App.

1.2 Scope:

TO-DO List is a list of all tasks needed to be accomplished by the user. It is a multiple user application that is equipped to handle and maintain a separate list of tasks to be done by each user. The application will be offered in two different versions: The Mobile Version and the Web Version. For each user, the application (both web and mobile based) can perform the following basic functions:

- Add a task to the list
- Delete a task from list
- Edit the items on the list
- Check off items that have been completed without deleting them from the list
- Hide or show the checked-off items

Each task added to the list will have a name, priority as well as a due date associated with it. The TO-DO List is saved automatically each time any modification is done to the list. The synchronization option allows users to synchronize the information on the local phones with the information in the centralized database. The synchronization is done automatically when the application starts or can be initiated explicitly by the user.

1.3 References

- <https://www.google.com/calendar>
- <http://www.businessdictionary.com/definition/position-statement.html>
- http://en.wikipedia.org/wiki/Unified_Process

2. Stakeholder and User Descriptions

2.1 Market Demographics: Target customers include the people who have preliminary knowledge of using with smart phones or web applications. The primary target will be the people who have tight schedules and need assistance in managing it.

2.2 Stakeholder and User Summary

<u>Name</u>	<u>Description</u>	<u>Responsibilities</u>
IniTech(Stakeholder)	An industrial organization that helps clients by developing, implementing, and supporting custom process automation and information integration solutions.	Interested in supporting the development of a full-fledged application with additional functionality
User	The customers who will use the application	Users will utilize the application in order to manage their day to day tasks.

2.3 User environment

Web Do-D-Due Manager (WTM): The WTM runs on any standard web browser. The user environment, includes various web browsers like Chrome, Safari, IE running on different platforms like Windows, UNIX or Mac.

The Mobile Do-D-Due Manager (MTM): For the MTM the user requires an Android platform

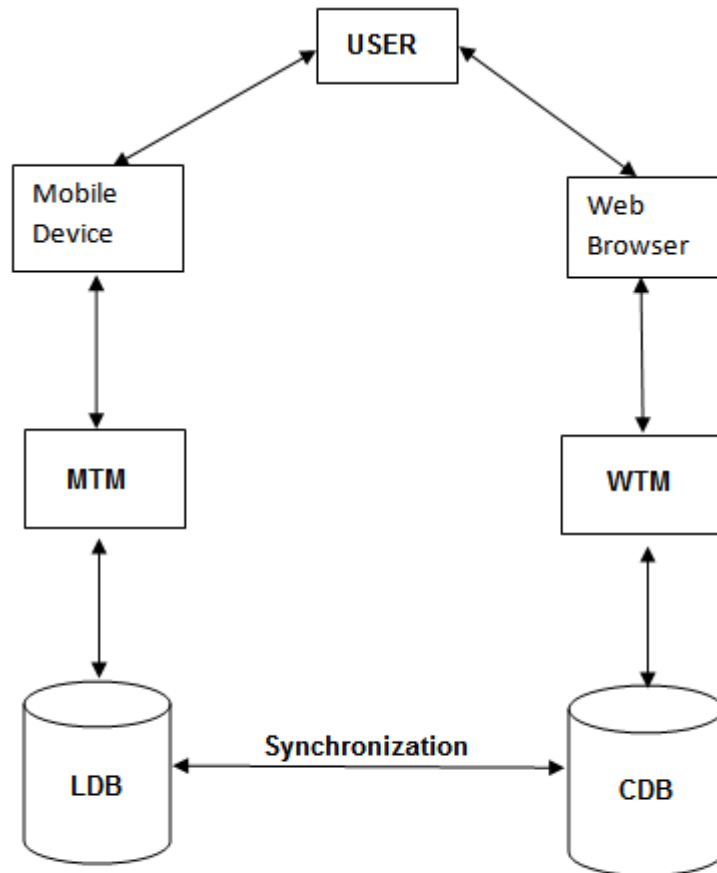
2.4 Key Stakeholder or User Needs

The key user needs as specified by the users can be summed up as:

The application must be capable of adding items to, deleting items from, and editing items in a list. The application can be operated from mobile as well as from the web. The application must provide the users with the option to synchronize the two. Both the Web and Mobile versions should have their databases to store the user data. The users must be able to add tasks to a list by specifying the tasks' name, priority, and due date. There should be a default value for priority and due date, so that users won't have to specify them. The users must be able to check off items in a list (without deleting them). The applications must support multiple users.

3. Product Overview

3.1 Product Perspective:



MTM : Mobile TODO List Manager
WTM : Web TODO List Manager
LDB : Local Database
CDB : Centralized Database

3.2 Product Position Statement:

For	The users and stakeholders
Who	Needs assistance in managing their daily tasks and schedule

What	Do-D-Due Manager
Which	Works for both Mobile as well as Web Users
Unlike	Other to-do apps such as Google Calendar which are either only web based application, or mobile based application
Our Product	Provides cross platform Mobile and Web application

3.3 Assumptions and Dependencies:

It is assumed that the user is familiar with the basic functionality of an Android device. Also, the user should have Android ver 4.0.3 for best performance.

3.4 Cost and Pricing:

As the application supports 2 platforms(web,mobile) it increases the cost in terms of maintenance, development, and pushing out updates, etc.

4. Product Features

The main features of the application are:

- Create a task
- Delete a task
- Check Off a Task
- Hide/Show Tasks
- Uncheck checked off item
- Login/Logout
- Synchronization between Web and Mobile application

5. Constraints

Security Constraints: The security constraints for Do-D-Due manager include the protection of user data. The users require log in credentials to gain access to the system. A user should be able to view and edit its own profile and data.

Memory Constraints: The memory constraints come into effect when using the mobile version of Do-D-Due manager. As a mobile application, it has limited memory and it is not as large as the memory on computer systems, so feeding large amount of data to the MTM might result in crashing of the application.