**Software Requirements Specification**

**for**

**bookmyroom**

**Version 1.0 approved**

**Prepared by <author>**

**<organization>**

**<date created>**

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# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
|  |  |  |  |
|  |  |  |  |

# 1. Introduction

## 1.1 Purpose

The purpose of the document is to collect and analyse all assorted ideas that have come up to define the system, its requirements with respect to consumers. Also, we shall predict and sort out how we hope this product will be used in order to gain a better understanding of the project, outline concepts that may be developed later, and document ideas that are being considered, but may be discarded as the product develops.

In short, the purpose of this SRS document is to provide a detailed overview of our software product, its parameters and goals. This document describes the project's target audience and its user interface, hardware and software requirements. It defines how our client, team and audience see the product and its functionality. Nonetheless, it helps any designer and developer to assist in software delivery lifecycle (SDLC) processes.

## 1.2 Document Conventions

Heading: Times < size = 14 >

Content: Kozuka Minch< size = 12 >

## 1.3 Intended Audience and Reading Suggestions

This Software Requirements document is intended for: − Developers who can review project’s capabilities and more easily understand where their efforts should be targeted to improve or add more features to it (design and code the application – it sets the guidelines for future development).

− Project testers can use this document as a base for their testing strategy as some bugs are easier to find using a requirements document. This way testing becomes more methodically organized.

## 1.4 Product Scope

Primarily, the scope pertains to the E-room rental android app for families and students to easily find nearby accommodation. It focuses on the house owners, students near college area and those Who frequently travel in different cities.

This SRS is also aimed at specifying requirements of software to be developed but it can also be applied to assist in the selection of in-house and commercial software products. The standard can be used to create software requirements specifications directly or can be used as a model for defining a organization or project specific standard. It does not identify any specific method, nomenclature or tool for preparing an SRS.

## 1.5 References

[www.google.com](http://www.google.com)

[www.project-management-basics.com](http://www.project-management-basics.com)

[www.99acres.com](http://www.99acres.com)

[www.indiaproperty.com](http://www.indiaproperty.com)

# 2. Overall Description

## 2.1 Product Perspective

## Admin Interface:

Admin is a person who handles the entire app. For that person has to give the user name and password to enter the admin page after entering right password admin person can enter the admin home area.

## User Interface:

User can visit the app and the registered user can login from the login module here guest can register free account and to give room on rent and buyer can verify the room and make communication to each other.

## 2.2 Product Functions

* Easy to use interface
* Filter by budget
* Room details along with its images
* Direct meeting to owner
* Phone number of owner is available

## 2.3 User Classes and Characteristics

All kind of users:

Bookmyroom is a powerful, yet easy program to use so, all users with some basic experience with computers are able to use it efficiently.

**Open source software developers and contributors:**

**-- Software Developers**: People with very good knowledge of programming language project, in order to understand and be able to extend project’s source code

**--Translators**: People of all age groups with very good knowledge of a language not included in the current translation list.

## 2.4 Operating Environment

Since it is an android based application, so it will be supported in all android version.

* Jelly Bean
* KitKat
* Lollypop
* Marshmello
* And all upcomings…

## 2.5 Design and Implementation Constraints

*<Describe any items or issues that will limit the options available to the developers. These might include: corporate or regulatory policies; hardware limitations (timing requirements, memory requirements); interfaces to other applications; specific technologies, tools, and databases to be used; parallel operations; language requirements; communications protocols; security considerations; design conventions or programming standards (for example, if the customer’s organization will be responsible for maintaining the delivered software).>*

**2.6 User Documentation**

User documentation will be provided in the app help option.

## 2.7 Assumptions and Dependencies

**Assumptions :**

* The code should be free from compilation errors and syntax errors.
* The product must have an interface which is simple enough to understand.

**Dependencies :**

* All necessary hardware and software are available for implementing and the use of app.
* The proposed system system would be designed, developed and implemented based on SRS document.
* The system is not required to save generated repotrs

# 3. External Interface Requirements

## 3.1 User Interfaces

User interface of this program is the common windows interface, nothing additional is required.

## 3.2 Hardware Interfaces

All the program’s features are available online. You do need an internet connection to download the app and use it.

# 4. Other Nonfunctional Requirements

## 4.1 Performance Requirements

bookmyroom is a light application that needs very few system resources in order to work. It is designed not to delay the system from other key processes and the response time of the program is direct. Furthermore, the user is able to check for new versions of the program just by clicking a button. In this way bookmyroom will be always up-to-date with all new supported features and bug fixes.

## 4.2 Safety Requirements

There have been a few reports that some antiviruses (such as Symantec AV) “see” DropIt as a potential threat. Obviously this is a false alarm, the program is 100% safe to use. Besides, DropIt is an open-source project, so anyone who has doubts is able to check the source code

## 4.3 Security Requirements

The customer enters the app not only by password, it’s by making security to our app and network server.

## 4.4 Software Quality Attributes

The customer enters the app not only by password, it’s by making security to our app and network server.

## 4.5 Business Rules

*<List any operating principles about the product, such as which individuals or roles can perform which functions under specific circumstances. These are not functional requirements in themselves, but they may imply certain functional requirements to enforce the rules.>*

# 6. Other Requirements

*NA*