

Software Requirements Specification

for Student Manager

Version 1.0

**Prepared by:
Pushkaraj Shirvalkar
Thyagarajan Radhakrishnan
Ajinkya Sinkar
Sujath Nair**

Indian Institute of Technology, Bombay

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Revision History

Name	Date	Reason For Changes	Version
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1. Introduction

1.1 Purpose

Student Manager is aimed to assist the students in managing all their course-work including lectures and assignments that they learn in schools and colleges or even at home.

1.2 Intended Audience and Reading Suggestions

As the name suggests, Student Manager is primarily intended for the student community.

1.3 Product Scope

Student Manager help students by keeping track of their daily chores. This includes a reminder of due date of assignments so that they do not miss a thing. It can also help them store and access all their important resources in one place.

1.4 References

[1] developer.android.com

[2] Burd Barry, "Android Application Development All-In-One for Dummies" John Wiley & Sons

[3] thenewboston.org

2. Overall Description

2.1 Product Perspective

Student Manager is a new product that will help the student community manage time in a better way.

2.2 Product Functions

Student Manager can perform the following functions:

- Maintaining the database of all the semesters attended by the student*
- Maintaining the details of the courses taken in the semester*
- Maintaining the database of lectures attended by the student in a particular course.*
- Maintaining the due dates of assignments of the courses and setting an alarm automatically for reminding the student.*

2.3 User Classes and Characteristics

Student Manager will certainly benefit the whole student community in managing time in an efficient way, especially undergraduates and post graduates students.

2.4 Operating Environment

Minimum Free Space Required on Device: 15 Mb

Android 4.0.3 Ice Cream Sandwich

Minimum API 8

Target API 15

2.5 User Documentation

The student will receive a complete user manual of the Student Manager app explaining its basic functionalities.

2.6 Assumptions and Dependencies

- *Wi-Fi should be switched on for smooth functioning of the application (for details how to set up a Wi-Fi connection, please read the user manual of the device)*
- *It is advisable to have a Gmail account for book appointment facility of the application.*

3. External Interface Requirements

3.1 User Interfaces

Student Manager works with a standard touch-screen interface.

3.2 Hardware Interfaces

Student Manager requires internal/external data storage with minimum 15 Mb free space.

3.3 Software Interfaces

Student Manager does not require any specific software interface.

3.4 Communications Interfaces

Student Manager uses standard HTTP for accessing the course web page as well as search engine. A Gmail application already available in any Android device serves the purpose of the email service required by the application.

4. Other Nonfunctional Requirements

4.1 Security Requirements

Since Student Manager is not yet protected with any password authentication, we advise the user to be careful.