
Software Requirements Specification

for

Out Pass Automation

Version 1.0 approved

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Revision History

| Name | Date | Reason For Changes | Version |
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1. Introduction

1.1 Purpose

Out Pass module is designed to keep a check on all the outgoing students of the hostel. This module automates the security system at the gates of the college. This module safely secures all the information and keeps a record of all the relevant details like, the name of the student, purpose for going out of the hostel, the name of the person who permitted the student to leave, time and date when the out pass was issued. Added to which the parents will also be notified about the absence of their children in the hostel.

1.2 Scope

The current scope of Out Pass Automation System enable the inmates to request for their out pass as and when required. the warden can approve the request if found necessary, else can reject the request.

1.3 Definition/Acronyms/Abbreviation

Not Applicable

1.4 References

Not Applicable

1.5 Overview

Existing system :

1. Full on paperwork so it is not easy to handle.
2. Parents doesn't get notified about the absence of their children in the hostel.
3. The system should not provide out pass on time
4. Sometimes not keeping record of the details of students.
5. Often approving the out pass manually is time consuming

Proposed system:

Advantages:

1. It maintains the Outing details information of the Hostel Students.
2. Complete process is automated and automatically a SMS is generated and forwarded parents too.
3. This module helps in keeping record of the details of students like, Out Time, out date, reason, permission given by, whom to meet & all details of the students.
4. It is easy to get print out of Out Pass for the Students.
5. It will make the complete process paperless. However, if required out pass can be printed on normal paper.
6. You can export all the information to Excel file.
7. Also manage Special Request likes students going to extra classes, jobs, training etc.
8. It also allows the facility to create dynamic reports through List View.
9. Complete Record is tracked closely and directly inform to parents regarding outing.

2. Description

2.1 Product Perspective

By doing this project it replaces the old conventional method of out pass system.

2.2 Operating Environment

Support in all browsers

2.3 Design and Implementation Constraints

The project is designed using HTML, CSS and JAVASCRIPT. The database used is SQL. The IDE used is an open source editor Brackets and for database is sql-plus

2.4 User Documentation

User documentation can be done on some text editor and Saved online or offline

2.5 Assumptions and Dependencies

The application is developed in HTML, CSS and therefore requires the latest version to html and css to run in the system. The java script should be enabled in each browser

2.6 Business Rules

Not Applicable

3. Other Requirements

Appendix A: Glossary

Appendix B: Analysis Models

Appendix C: To Be Determined List