# **Software Requirement Specification**

# **For**

# **Infrastructure Allocation System**

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# Purpose

## 1.1 Introduction

We often come across situations where we have to deal with procedures that grants access to

several parts of the infrastructure. Let it be a student or a staff. This includes from writing the

permission letter to request the associated staff members(eg: in case of permission for LAB we need

to coordinate with HOD for the permission as well as the lab assistant and in some cases even the

principal sir) for the infrastructure. This results in time delay and inefficiency.In our proposed system

we are trying to make this procedure totally efficient. The system results in reducing the manual work

of writing permissions letters and getting it granted. The user will simply register himself/herself, will

search for the required infrastructure, will select the best suited time slot and will request for its

access. The system provides the access to the infrastructure on the First-Come-First-Serve basis.

After the request has been made it is the responsibility of the associated staff to give approval. If

permission is granted by the staff ,the selected infrastructure will be allocated for the particular time

slot and will appear occupied. The history of infrastructure used will be maintained in the database for

later use.