

*Project Report On*

**Hostel Management System**

*Submitted by*

**Nandini AV (16IT120)**  
**Nilita Anil Kumar (16IT122)**

**VI SEM B.Tech (IT)**

*Under the guidance of*

**Ms Raksha Nadgir**  
**Dept of IT, NITK Surathkal**

*in partial fulfillment for the award of the degree*

*of*

**Bachelor of Technology**

*in*

**Information Technology**

*at*

**Department of Information Technology**  
**National Institute of Technology Karnataka, Surathkal.**  
*April 2019*

**Department of Information Technology**  
**National Institute of Technology Karnataka, Surathkal**

**End Semester Evaluation (April 2019)**

*Course code : IT 350*

*Course Title:Mini Project*

*Title of the Project:Hostel Management System*

*Details of Project Group*

<i>Name of the Student</i>	<i>Register No.</i>	<i>Signature with Date</i>
1.Nandini Av	16IT120	
2.Nilita Anil Kumar	16IT122	

**Name of Project Guide: Ms Raksha Nadgir**

Signature of the Project Guide:

Place:Surathkal

Date:

## Abstract

The aim of this research work“Online Hostel Management System” is to develop a web based system with a central database that will allocate rooms to students, manage records related to the hostel, the system designed will keep track of all the available hostel rooms, their occupants and fund generated from hostel fee. Information for this research work was collected from two forms of data which are primary and secondary data. . The new system was implemented using PHP and MySQL. The result of the research is a Hostel Management System

## List of tables

9.2.1 Admin Dashboard	18
9.2.2 Admin Manage Course	18
9.2.3 View logs	19
9.2.4 Admin Add course	19
9.2.5 Admin manage Room	20
9.2.6 Admin Student Registration	20
9.2.7 Admin Add Rooms	21
9.2.8 View Booked Room	21
9.2.9 Update User Profile	22
9.2.10 Change Password	22
9.2.11 Admin Login	23
9.2.12 User Login	23
9.2.13 Book Room	24
9.2.14 Forgot Password	24

## Table of figures

Fig 7.1.2 Activity Diagram for User	12
Fig 7.2.1 Class Diagram	13
Fig 7.3.1 Sequence Diagram login for user and admin	13
Fig 7.3.2 Sequence Diagram Room Booking	14
Fig 7.4.1 ER Diagram	14
Fig 8.1 ScreenShot of login	15
Fig 8.2.1 ScreenShots of Dashboard of admin	15
Fig 8.2.2 ScreenShots of Dashboard of admin	16
Fig 8.2.3 ScreenShots of Booked room detail	16
Fig 10.1 Git Hub Repository	26
Fig 10.2 Gantt Chart	26
Fig 10.3 Design Tool	27
Fig 10.4 Bug Tracking	27
Fig 10.5 Load Testing	28
Fig 10.6 Automation Tool	28
Fig 10.7.1 ngrok running-creating public Url and tracking	29
Fig 10.7.2 Running ngrok	29