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- WEB-BASED APPLICATION DEVELOPMENT.
  - SE102.3
- 

DATE OF SUBMISSION:  
21.01.2020

LECTURER: Dr. Chaminda  
Wijesinghe

## Team Members - SMART HEADS.

INDEX	NAME	GIT HUB LINK	Role
21007921	K.G.T.U IMENDRA	<a href="https://github.com/tanushiumaya">https://github.com/tanushiumaya</a>	Front-End developers. Homepage body, Header, Footer. Login interface.
21009839	H.D.D MADURANGA	<a href="https://github.com/Deshanm123">https://github.com/Deshanm123</a>	Back-End Developers Login developed by php, Database developed by MySQL
21009737	U.W.D.H EHELEPOLA	<a href="https://github.com/afk98">https://github.com/afk98</a>	File submission and interface.
21012688	H.A DHARMADASA	<a href="https://github.com/hasi97">https://github.com/hasi97</a>	Student accommodation interface.
21012019	M.J.D.M MINU	<a href="https://github.com/mjdmminu99">https://github.com/mjdmminu99</a>	Contact warden form homepage slideshow

♣ GITHUB REPOSITORY LINK:

<https://github.com/Deshanm123/NSBM-HMS>

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1. Introduction.

2. Structure of the website.

- Home page.
- Student accommodation page.
- Login page.
- Contact us page.

3. Conclusion.

## 1. Introduction

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- ♣ In the developed website we mainly focus to the the hostel management system of the NSBM Green University Town. Our website is mainly focused on how to give a reasonable awareness to the students about the student accommodations inside the University premises.
- ♣ Our website will provide access to the students to receive a good knowledge about the premises. It provides the basic knowledge about the dormitories to our NSBM Students. Hostel management system offers a variety of facilities to the boarded students.
- ♣ We also provide special service in our website so that the students can directly contact the warden and the sub-wardens in case of emergency which ensures the safety and securement inside the premises.
- ♣ This can replace the following traditional procedure:  
Traditional procedure of funding monthly payment is paying to the program office get the receipt, then give the receipt with student into warden in order to get hostel NFC card updated. so, both parties, student and warden get to experience benefits of simplification, and time saving.



## Hostel Management System

[Home](#)[Student Accomodation](#)[Login](#)[Contact](#)

Vision and Mission: Let's hold hands to appreciate the eco-system.

## "NSBM Eco-system"

NSBM is not only an educational institute, it has escaped from its limits and developed up to an area of 26 acres ecosystem. NSBM was built with the intention of appreciation of nature and providing the best educational experience one can receive. NSBM Green University Town is the first ever green university in South Asian region and it sets an example for the whole South Asia by paving the way for environmental sustainability.



## 2. Structure of the website.

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### ♣ Home page.

#### ♣ **Aim of this page:**

Basically, provide look over hostel premises to the students that are expecting accommodations.

Appreciating the community and green-environment.

- ♣ Home page mainly consists of the basic knowledge that one should have about the hostel management system in the NSBM green university community.
- ♣ In the left corner it consists of the NSBM logo which will project to the official NSBM home page when get clicked. At the top center in the header section we have the main topic “hostel management system” and right to the navigation bar which contains home, student accommodation, login and contact-us page. We provided a navigation bar for users to easily navigate inside the website.
- ♣ Home button direct to the homepage of the hostel management system while the Student accommodation button directs the page to the accommodation page. Login button directs to login page which give ability to get enrolled user information. And finally contact button directs the page to the contact information page. we can find the “vision and mission” in the center of the header section and below that we can see the movable photo gallery of the dormitory premises.

- ♣ Under the NSBM hostel topic, it displays a list of facilities and features that can be enjoyed by the hostel students and then little description about the academic and non-academic staff of the accommodation is stated.
- ♣ In the footer section, the NSBM logo, links to the 3 schools such as school of computing, school of business and school of engineering, links to the official Facebook page, email etc. is included.



Vision and Mission: Let's hold hands to appreciate the eco-system.

## "NSBM Eco-system"

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## NSBM hostel Complex.



On-campus accommodation is available at NSBM Green University Town premises. student dormitories are made with international standards giving students the best comfort, relaxation and convenience. Each accommodation unit is equipped with all necessary facilities required for the students and the allocation will be done on twin sharing basis.

### Facilities and features:

- fully furnished rooms with bed, table, chair, wardrobe and towel rack.
- Split type air conditioner unit for each room.
- Attached bathroom with international standards.
- premises restaurant open 365 days for food and beverages with local and international menus at subsidized prices.
- Common and private study areas.
- More secured entry system for rooms through NFC cards.
- Free wifi access for each room and study / common areas.
- Laundry facilities on the premises.
- Secured hostel premises with onsite security personnel on 24x7 basis and CCTV monitoring systems
- Customized rooms and bathrooms for differently abled students
- Private balcony with panoramic view of the green nature and fresh natural air.
- Free AC, electricity power and drinking water.
- Elevator and staircase access to all floors.

A dedicated warden and an academic warden are available on premises with fulltime access to students. Students are required to bring all personal belongings required for living away from home for a substantial period including pillows, blankets, and bed sheets.



NSBM prides itself on being a forward-thinking entity, with the constant drive to push boundaries. Thus, it moves onto Phase II, acquiring an additional 15 acres of land, in Pitipana road, Homagama in order to deliver greater opportunities to its potential multitudes of students in the fields of social, physical and health sciences.

All the new programmes and infrastructure which includes a Gents hostel, swimming pool, a ground and other facilities will support to global trends and competencies.

[phone](#)
[Facebook](#)
[Email](#)
[hotline](#)

PROGRAMMES:  
FOUNDATION PROGRAMMES  
UNDERGRADUATE PROGRAMMES

Faculty of Business  
Faculty of Computing  
Faculty of Engineering

Address: Mahenwaththa, Pitipana, Homagama, Sri Lanka.  
Phone: +94 11 544 5000  
Fax: +94 11 544 5009  
Email: [inquiries@nsbm.lk](mailto:inquiries@nsbm.lk)



## ♣ Student accommodation page.



### Hostel Management System

[Home](#)[Student Accomodation](#)[Login](#)[Contact](#)

#### Hostel Complex Potential

- Hostel residence facility is only available for girls. Hostel is built with 9 number of floors. In hostel basement the Cafeteria is located. It's common ground for both boys and girls. For student accomodation there are 8 number of floors collectively containing 350 number of rooms, providing accomodation facility for around 700 NSBM Girls.
- The following is a fully facilitated hostel Room. A single room is shared by two roommates. Electronic Keycard is given to access room by making room more secure.
- Study Area is reserved for study purposes.
- Gihans Food court in hostel complex is take care the responsibility of providing food for students
- New Edge Space is comprised of three subcafeteria that serves Indian Dinning cusine, short eats and traditional cusine



#### Word from Warden

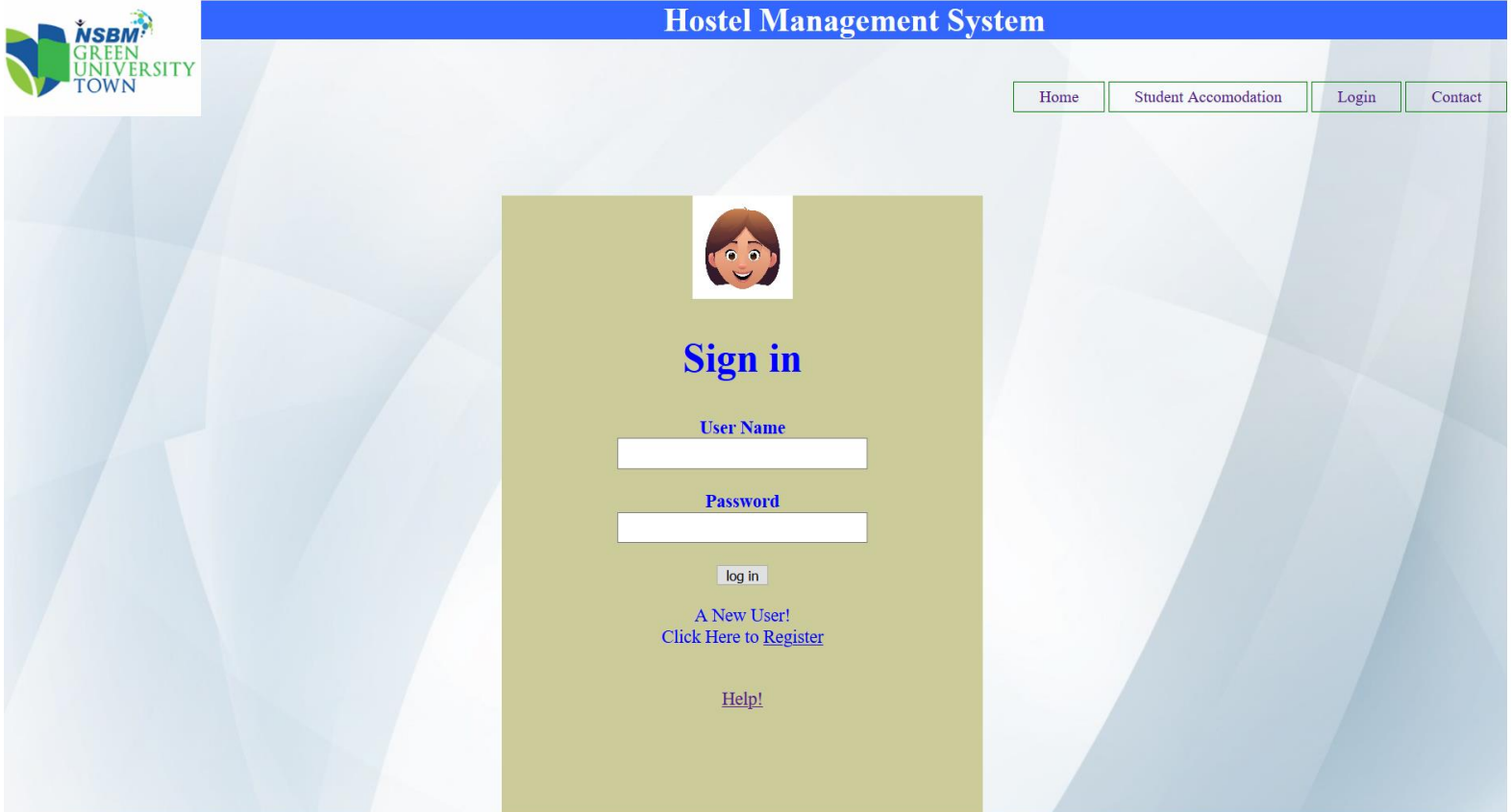
Accommodation for nsbm children is an important requirement. The hostel facilities offered by the universities are worth it. Around 700 girls from remote areas have been provided with protection. We hope they have the right discipline. It is our responsibility to inform you of the laws here. The monthly payment is also very important. The Hostel Management System (HMS) has been introduced for this purpose. The Hostel Management System helps you to pay for the hostel fees and to renew the room key.

♣ **Aim of this page:**

This page provides information about facilities that can be consumed when students get enrolled to the hostel community.

- ♣ In the header section of the page, the NSBM logo and the navigation bar are present as usual. Student accommodation page is all about the description about the rooms and the facilities which students can engage. A friendly, caring staff consisting of wardens and onsite security personals are present on 24/7 basis.
- ♣ Swappable Photo gallery that include photos of NSBM rooms, are also included as well.

## ♣ Login page.



The screenshot shows the login page of the NSBM Green University Town Hostel Management System. The page has a blue header with the title "Hostel Management System". In the top left corner, there is a logo for NSBM Green University Town. In the top right corner, there are four navigation buttons: "Home", "Student Accomodation", "Login", and "Contact". The main content area features a central green box with a cartoon avatar of a woman. Below the avatar, the text "Sign in" is displayed in blue. There are two input fields: "User Name" and "Password". Below these fields is a "log in" button. At the bottom of the green box, there is a link for "A New User! Click Here to Register" and a "Help!" link.

- ♣ When we input the user credentials it directs to NSBM database that show information like date of enrollment, date of payment to the hostel in each month etc. of the relevant user.
- ♣ If you haven't signed up yet there's the button to register to the page.
- ♣ Newcomers are registered through this hyperlink.
- ♣ A help button is placed in the bottom of the page to direct to the help page for any other requirement.

- ♣ Traditional procedure of funding monthly payment is paying to the program office get the receipt, then give the receipt with student into warden in order to get hostel NFC card updated. so, both parties, student and warden get to experience benefits of simplification, and time saving.
- ♣ In there you must keep hostel NFC card 24hrs with in warden's office. This procedure can be simplified via using the database we have developed in this webpage.

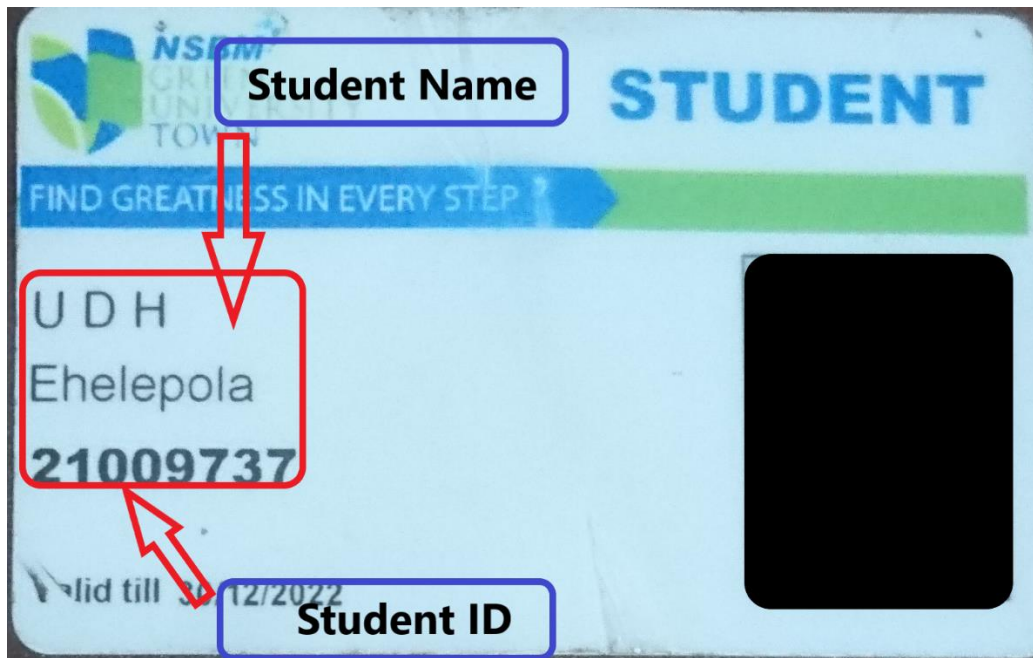
After the specific user get directed to the welcome page It lets the system to escape from the traditional monthly payment procedure.

In there you must upload the digital imprint of the receipt to the web online instead of providing it to the warden. Online procedure makes this more efficient rather than the traditional path.

Step by step Procedure:

Requirements:

1.student ID.



2.RECEIPT.

NATIONAL SCHOOL OF BUSINESS MANAGEMENT LTD  
NSBM Green University Town, Mahanuwatta, Pitipana, Homagama  
Tel : +94 111 544 5000 Fax : +94 111 544 5007 Email: info@nsbm.lk

**Official Receipt**

Student No : 21012688	Receipt No : 71127
Received From : Dharmadasa H A	Date : 02/01/2020
Payment Methods : Cash	Fee Type : Hostel Fee
Offering : Plymouth University BSc(Honours) Software Engineering 2019.1 Year 01 Semester 01	

Payment Method	Amount (LKR)
Cash Payments	10000.00
<b>Total</b>	<b>10000.00</b>

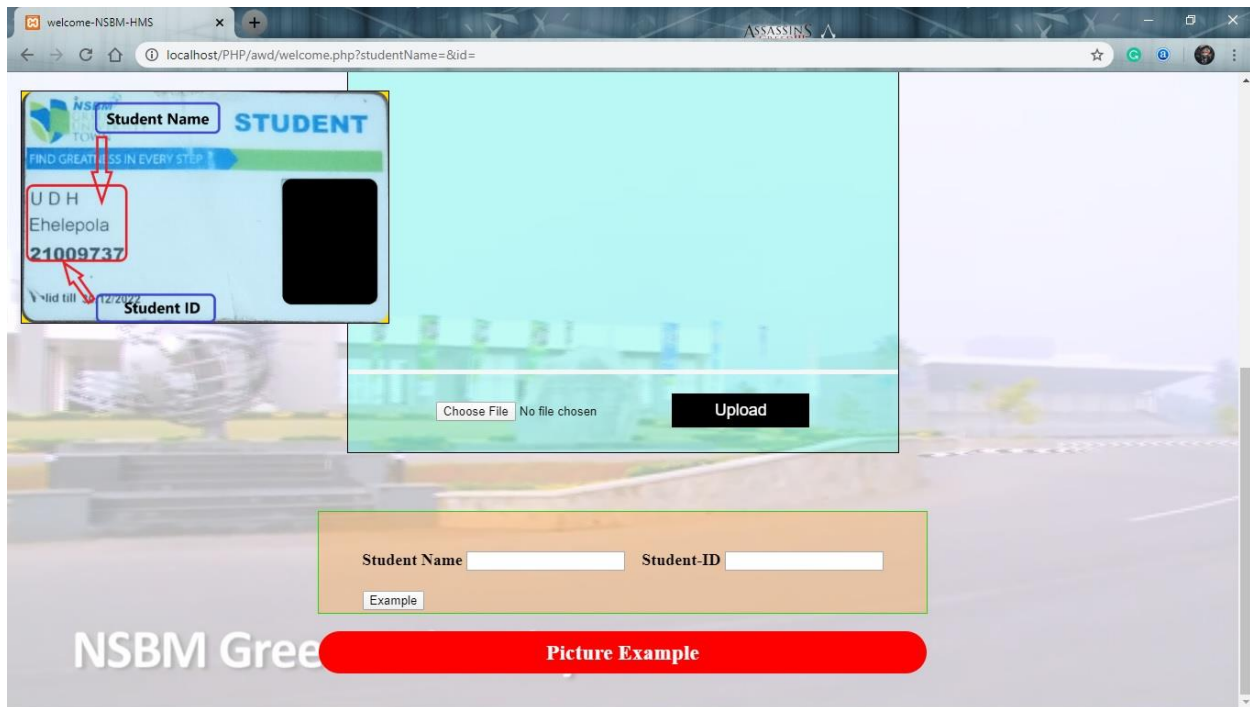
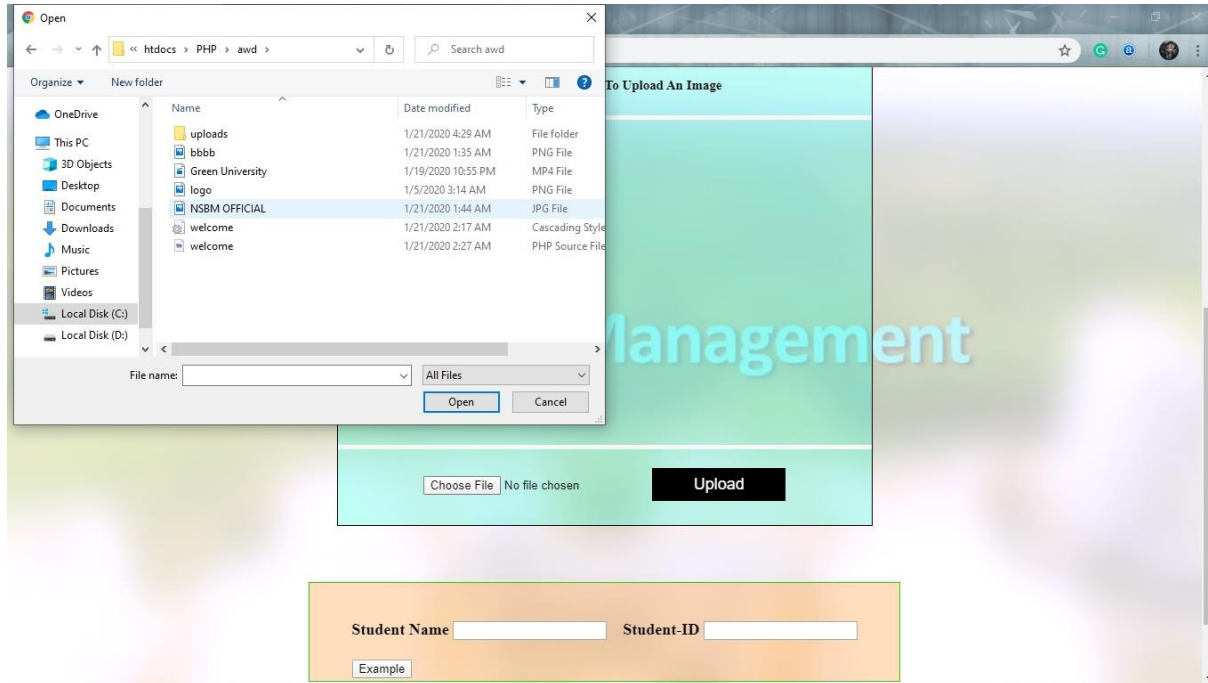
Description :  
Remarks : JANUARY-2020

\*Notes : This is a system generated receipt hence no signature is required

User : Ishara Welthenage Printed Time / Date: 02/01/2020 02:01:20

## 1ST STEP.

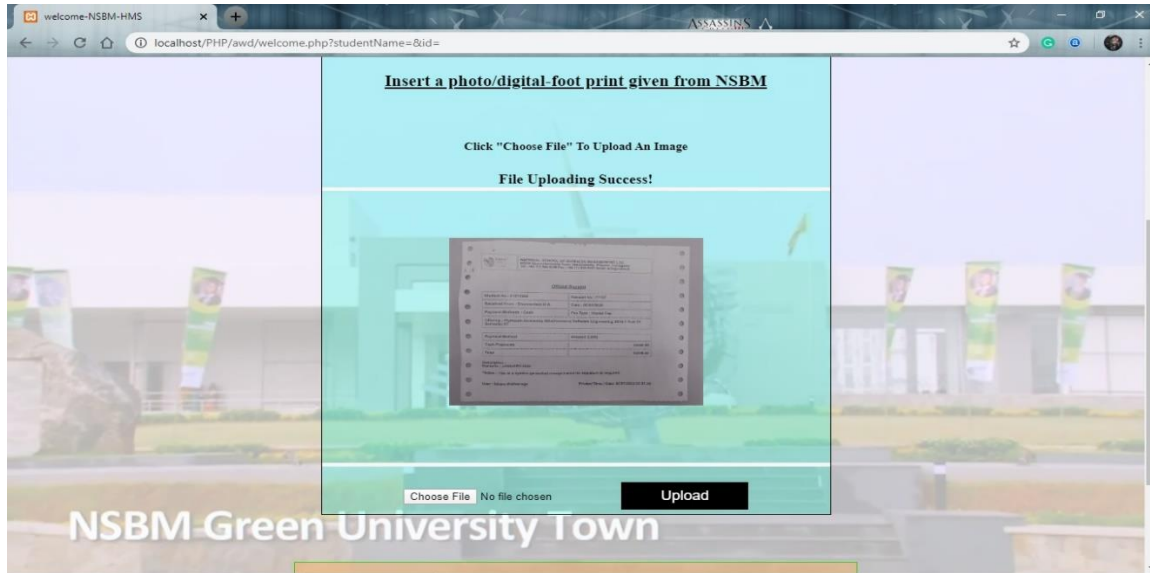
Inserting Required Data.





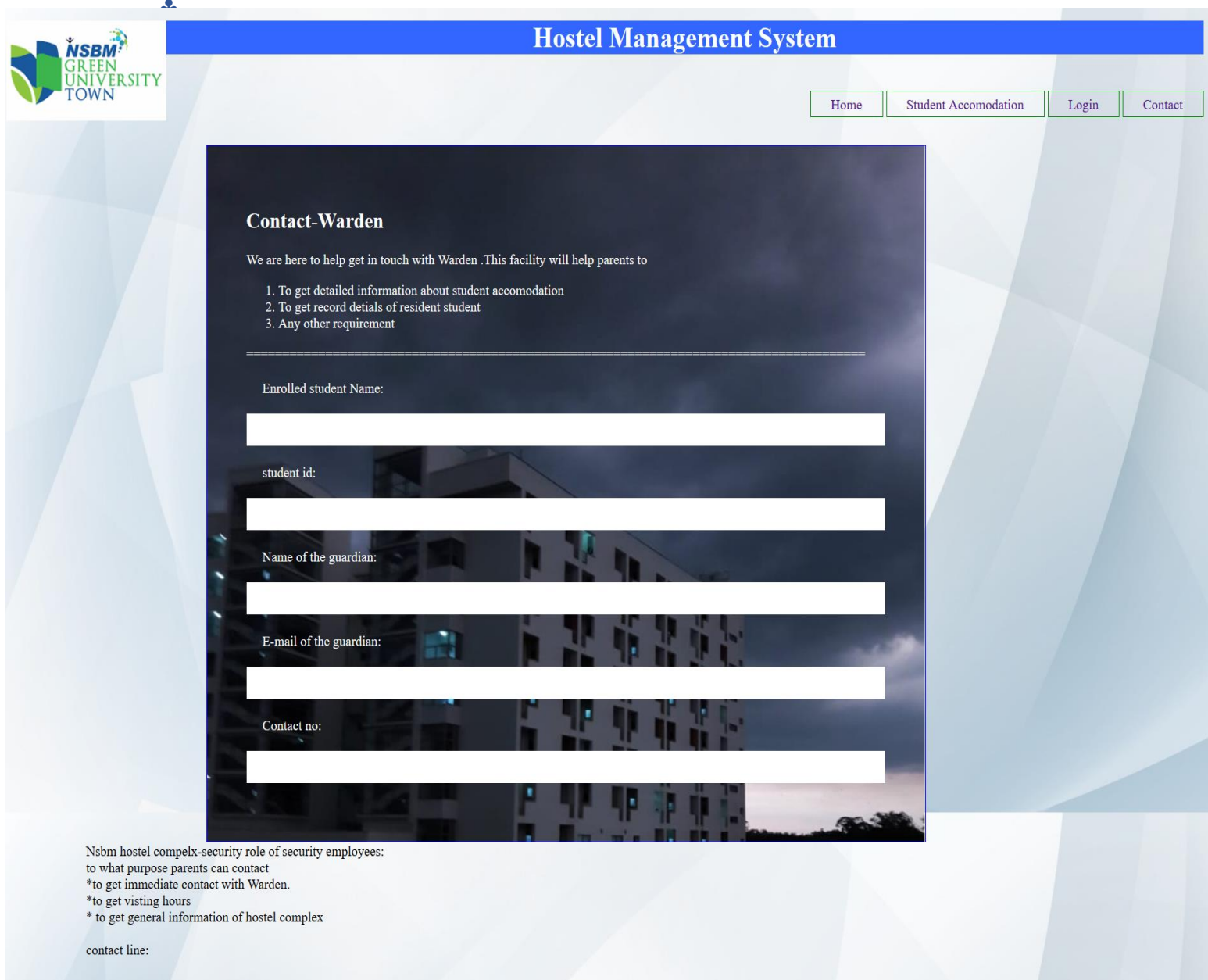
2nd step:

Send the uploaded image.



- ♣ reasonable awareness to the students about the student accommodations inside the University premises.

♣ contact-us page.



The screenshot shows a web application titled "Hostel Management System" for NSBM Green University Town. It features a navigation bar with links for Home, Student Accomodation, Login, and Contact. The main content area is titled "Contact-Warden" and includes a list of purposes for contacting the warden: to get detailed information about student accomodation, to get record details of resident student, and for any other requirement. Below this list are five input fields for "Enrolled student Name:", "student id:", "Name of the guardian:", "E-mail of the guardian:", and "Contact no:". At the bottom, there is a section titled "Nsbm hostel compex-security role of security employees:" followed by three bullet points explaining the purpose of contact (to get immediate contact with Warden, to get visting hours, and to get general information of hostel complex) and a label for "contact line:".

**Hostel Management System**

Home Student Accomodation Login Contact

### Contact-Warden

We are here to help get in touch with Warden .This facility will help parents to

1. To get detailed information about student accomodation
2. To get record details of resident student
3. Any other requirement

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Enrolled student Name:

student id:

Name of the guardian:

E-mail of the guardian:

Contact no:

Nsbm hostel compex-security role of security employees:  
to what purpose parents can contact  
\*to get immediate contact with Warden.  
\*to get visting hours  
\* to get general information of hostel complex

contact line:

♣ **Aim of this page:**

This page will provide immediate contact between the warden and the enrolled students or the guardians of the student.

- ♣ The basic layout of the header section is present in this page as well. Other than that, there is a form to filled by students to contact the warden when needed. When this form is filled and submitted, according to the importance of the matter, warden will contact the student as soon as possible.

### 3. Conclusion.

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- ♣ We have made this project of website “hostel management system” using various tags and codes of HTML, CSS, JavaScript, and PHP. After reading this document you will get to know about the services it provides. We will hope to upgrade this website further and make it better than before.

THANK YOU!