

# SSL PROJECT REPORT

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## 1 Abstract

This report summaries the project assigned to our team as a part of CS 213 Software Systems Lab course.

## 2 About the project

### 2.1 Title

IIT Dharwad Contact Directory  
(Internal Phone Database)

### 2.2 Team Members

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### 2.3 Instructor

Prof. Ramchandra Phawade

## 3 Objective

The objective of this project is to:

- Develop a website which contains the contact details of users in a database and displays these details when accessed by the user.
- These records should be searchable by name, department and email ID.

- Features to add, modify and delete records should be available in the website, for a logged-in user.
- The website should be secure.

## 4 Languages Used

The following languages have been used to implement this project.

- HTML
- PHP
- SQL
- JavaScript
- CSS
- Bootstrap Library

## 5 Project Layout

### 5.1 Database end

- SQL is used to create and manage the databases which store and manipulate the data.
- PHP is the intermediary between the database and the server.

### 5.2 Server end

- PHP is used for establishing communication channel between the database and server.
- A local host (LAMP Server) is set up temporarily for this purpose.

### 5.3 Client end

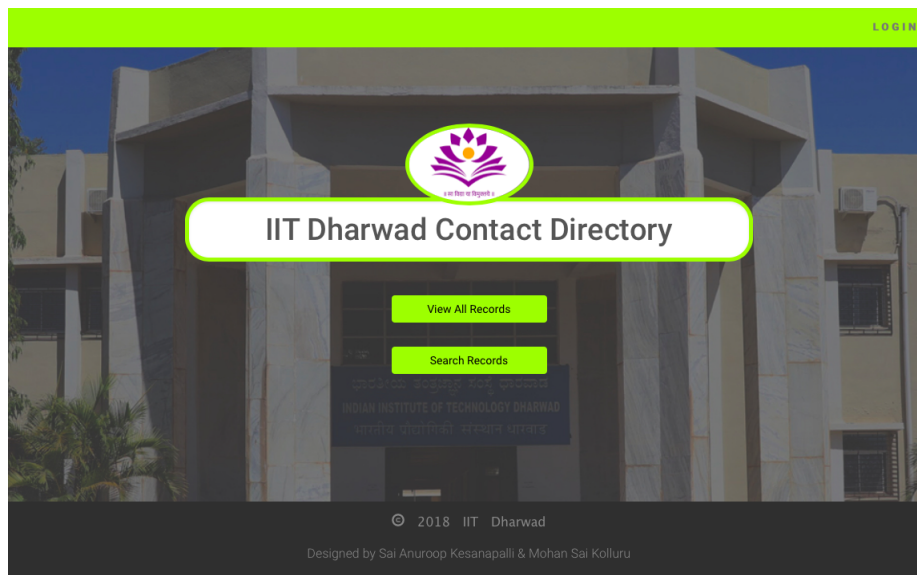
- HTML, CSS and Bootstrap library are used to design the webpage.
- JavaScript and PHP power the functionalities of the webpage.

## 6 Project Implementation

1. The skeletal framework for the website was first carried out, viz., PHP files for database creation, basic HTML user interface and remote login.
2. The website architecture was designed. Login access, navigation through the pages and pop-up box disclaimers at each stage were developed.
3. The beta website was now tested for its functioning and bugs reported in this process were taken care of.
4. This version of the website was rolled out to a few users.
5. Based on the feedback received from users, the website was re-designed using Bootstrap library and more JavaScript, adding a few more functionalities.
6. This re-designed website is rolled out to users for feedback, again.
7. Based on the final feedback, slight modifications and final touches were given for the website.
8. Finally, the website is hosted on one of the lab computers so that it is accessible through the institute's intranet.

## 7 Screenshots

Here are some screenshots of the website.



Back



### IIT Dharwad Contact Directory

Name	Department	Designation	Email	Number
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### IIT Dharwad Contact Directory

Department

Search by Department

Name

Search by Name

Email

Search by Email

## 8 Acknowledgements

We would like to acknowledge the guidance and technical support received from the following persons during the course of our project.

- Prof. Ramchandra Phawade, Instructor, CS 213
- Harshal Gajjar, TA, CS 213

- Naveenkumar Seetimani, JTS, Lab 120

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- Prof. Sudheer Siddapureddy
- Prof. Rajshekar K.
- Prof. Sudhanshu Shukla

Finally, we would like to acknowledge the resource websites on the internet.

- [www.w3schools.com](http://www.w3schools.com)
- [www.stackoverflow.com](http://www.stackoverflow.com)
- [www.getbootstrap.com](http://www.getbootstrap.com)
- [www.azmind.com/bootstrap-login-forms](http://www.azmind.com/bootstrap-login-forms)

## 9 Project Resources

Please click here to find the source code of our project.

END OF REPORT