

A Project Report  
on  
“Get Jobs.Com”

under subject Application Programing [CSL 103]

Submitted By:-  
**Chede Sravanthi**

Submitted To:-  
**Dr.Robin Singh Bhadoria**

# 1. Introduction

## 1.1 Purpose of this document

The main purpose of this document is to provide The way of Usage of Website i.e, World Of Electronics . The document should provide them with the detailed explanation of final result of this project. This also contains how the project was developed.

## 1.2 Definitions and acronyms

### 1.2.1 Definitions

K	Definition
DOM	<b>DOM</b> is a platform and language-neutral interface that allows programs and scripts to dynamically access and update the content, structure, and style of a document."
CSS	<b>CSS</b> is a style sheet language used for describing the presentation of a document written in a markup language.
PHP	The <b>PHP Hypertext Preprocessor (PHP)</b> is a programming language that allows web developers to create dynamic content that interacts with databases.
API	<b>API</b> is a set of <a href="#">routines</a> , <a href="#">protocols</a> , and tools for building <a href="#">software applications</a>
XML	<b>XML</b> is a <a href="#">markup language</a> that defines a set of rules for encoding <a href="#">documents</a> in a <a href="#">format</a> that is both <a href="#">human-readable</a> and <a href="#">machine-readable</a> .
JDBC	<b>JDBC</b> is an application programming interface (API) for the programming language Java, which defines how a client may access a database.

### 1.2.2 Acronyms and abbreviations

abbreviation	Definitions
XML	eXtensible Markup Language
JDBC	Java Data Base Connectivity
SQL	Structured Query Language (database query language)
CSS	Cascade style sheet
PHP	Hypertext Preprocessor
DOM	Document Object Model
API	Application Program Interface

## **2. Background and Objectives**

A software configuration management tool such as CVS are very helpful in software projects, and will help to programmers to deal with version management and provides the project members with access to a common code base.

When software configuration management tools are put to use a lot of data will be collected in the repository. This data is not only the actual text stored in the source files, but also different kind of data such as information about who did changes to a certain file and which changes that were made between two revisions of a file. For project members and company management this information can be valuable for determining the status and progress of a project. To collect this data and to transform it into useable information a tool will need to be developed.

This project will develop an abstraction for the data in a repository and the actual tool will be developed by another project called “CVS reporting”. The abstraction will be accomplished by creating an interpreter which will provide an SQL-like interface to the repository. This interpreter can be accessed by either command-line or a local GUI. To be able to make queries to the interpreter from other application, a JDBC-driver will be created.

Overall requirements for the project are,

- firstly it should provide read-only access to the CVS repository using the SQL commands
- furthermore, it should provide the complete SQL SELECT command syntax to retrieve any CVS data that can be provided using the usual CVS commands
- it should also provide virtual tables that can be used with SQL query commands
- if will also provide two interface options
  - first version will be comand line and it will provide access to the CVS repository using the comand line program
  - second will be daemon version and it will provide access to the CVS repository using the JDBC or similar database driver for this virtual database

Overall requirements for the JDBC component are,

- firstly, it shall provide read-only access to the CVS repository through the CVS query engine;
- furthermore, it must follow any JDBC standards;
- finally, it must implement proper error handling;

## **3. Organization of Report**

### **3.1 Project Leader**

Myself, Chede Sravanthi, was inspired to take this topic because of the unemployment problem within btech students these days. The requirement is still there, only that more sites like this to filter out candidates aren't present.

### **3.2 Customer**

Btech Students for internships ,Graduates for jobs, Companies to recruit people, New Entrepreneurs for the perfect team. All can use this site for their respective careers.

## **4. Project Results**

### **4.1 Requirements**

The web portal is created successfully by using the above mentioned information. The user will be able to present their talents. Also this would even help the user to expand their business. This will also help

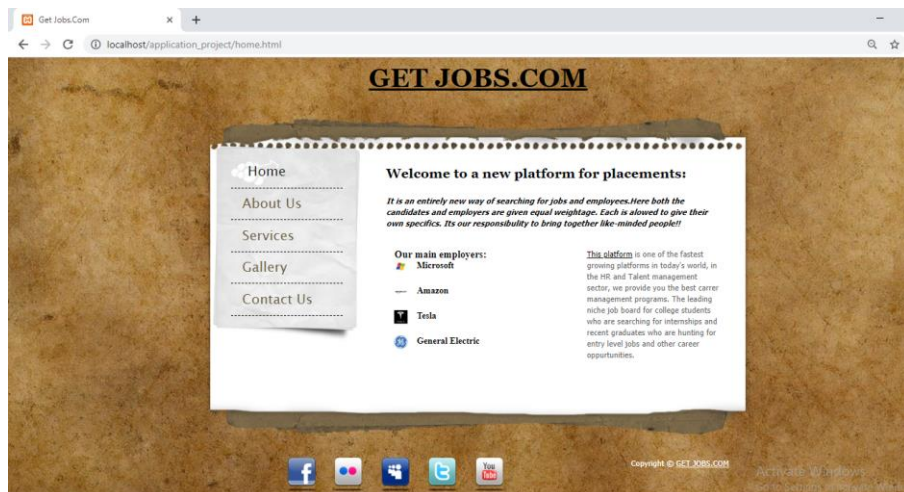
certain part of users to appreciate art. The web portal gives access to the different links available on the net. There are many facilities for the customer. Further development of the portal will go on as we learn further in our course.

- 1)HTML
- 2)CSS
- 3)DOM
- 4)PHP
- 5)SQL
- 6)XAMPP

## 4.2 Elements of webportal

### 4.2.1 Home page

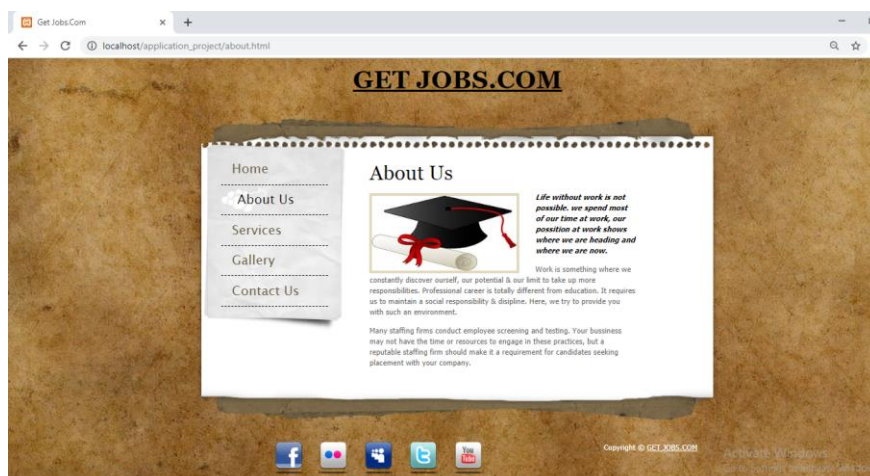
The home page contains a brief description of our site along with a navigation bar with links to different pages.



Screenshot1 - home

### 4.2.2 About page

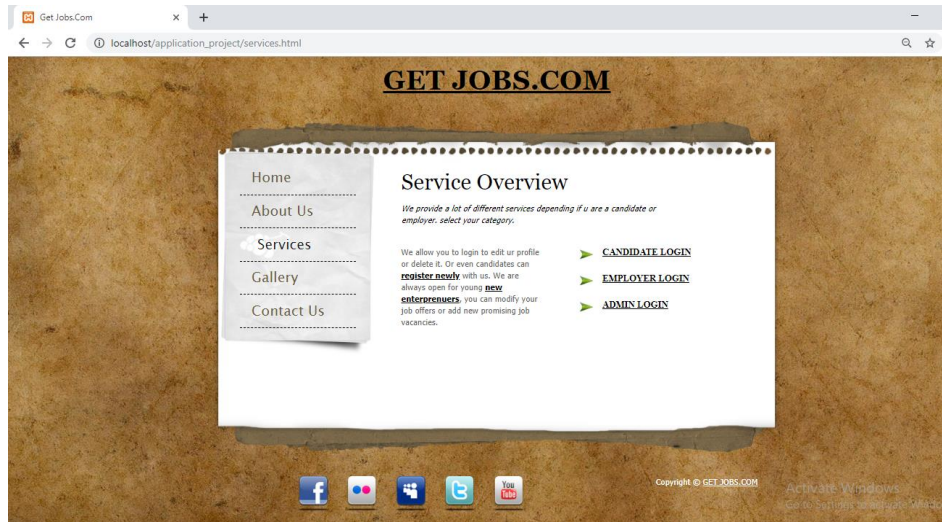
The about page contains the importance of the subject of jobs and the services offered by the portal to both candidates and employers.



Screenshot2 - about

#### 4.2.3 Services page

The services page is the most important of all. This page consists of links to all the login pages and register pages.



Screenshot3 – services

#### 4.2.4 login pages

The portal contains a total of three login pages(i.e) candidate login, employer login, Admin login. After login, it directs to a page which displays the details of the person. It allows to update them as well.



Screenshot4 - login pages

#### 4.2.5 register pages

The portal has two register pages one for candidate and other for employer.  
It takes in all the details including the username and password required for further processes.

The image shows two side-by-side screenshots of the 'REGISTER YOURSELF' page on the 'GET JOBS.COM' website. Both pages have a navigation menu on the left with links: Home, About Us, Services, Gallery, and Contact Us. The left page is for candidate registration, featuring fields for 'full\_name', 'email', 'password', 'experience', and 'education'. The right page is for employer registration, featuring fields for 'company name', 'contact person', 'address', and 'phone number'.

Screenshot5 - register pages

#### 4.2.6 Admin pages

The portal consists of an admin who can view all the contact information, receive the queries and answer to them. He can also view the total details of registered candidates and employers.

The image shows three screenshots of the admin pages on the 'GET JOBS.COM' website. The top-left screenshot shows the 'Hello Admin..!' page with a table of contact details. The top-right screenshot shows the 'employer details' page. The bottom screenshot shows the 'candidate details' page with a table of candidate information.

name	EMAIL	message
anna	anna@yahoo	gdfghdfgh
diya	diya@gmail.com	werdfgh

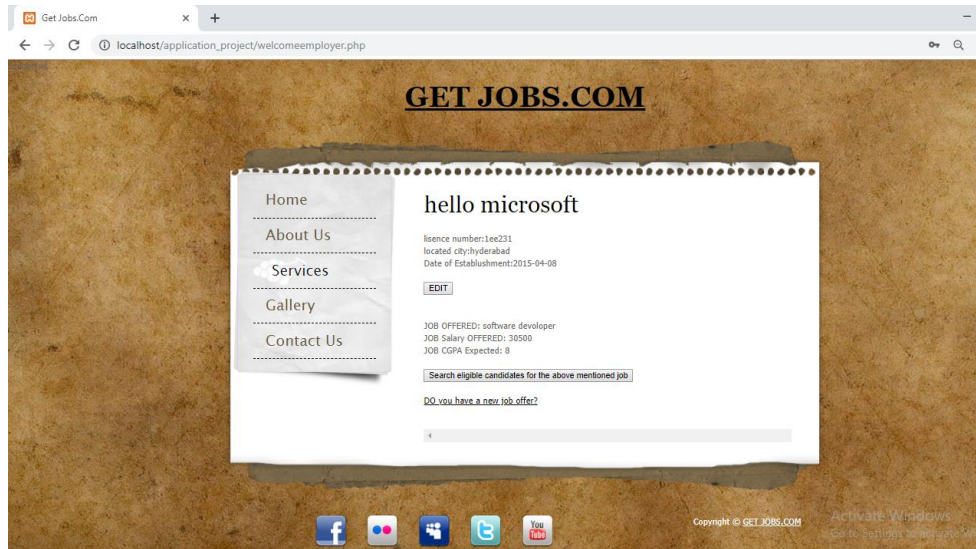
full_name	email	password	experience	education
anna	anna@yahoo	anna123	1 year	B.Tech
diya	diya@gmail.com	diya456	2 years	B.Tech

Screenshot6 - admin pages



#### 4.2.7 employer page

After the employer logs in, he can view his details and edit them as he wishes. He can offer an job, give its details, or edit already there job. He can also search for the eligible candidates according to the requirements he has given



Screenshot7 - employer page

#### 4.2.8 Job searching

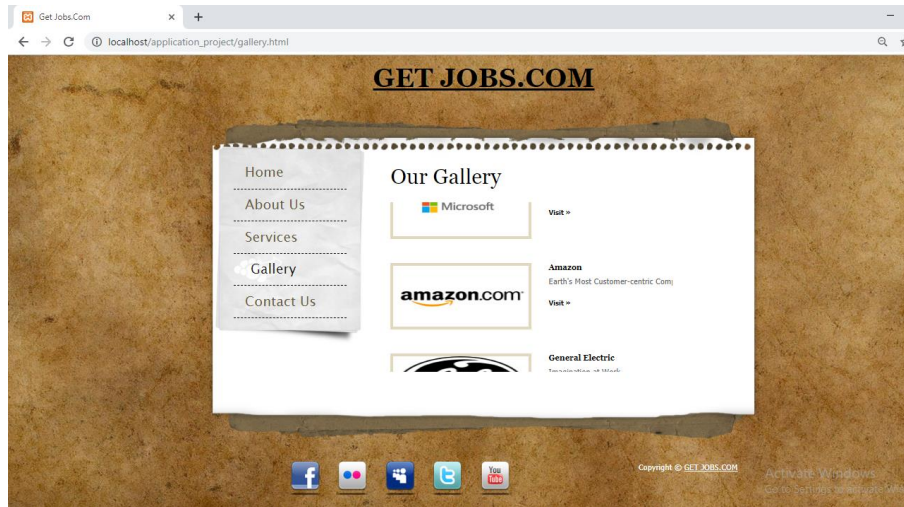
The employer can give the jobtitle, his required cgpa, his proposed salary. And then search for eligible candidates according to him.



Screenshot8 - job details

#### 4.2.9 Gallery page

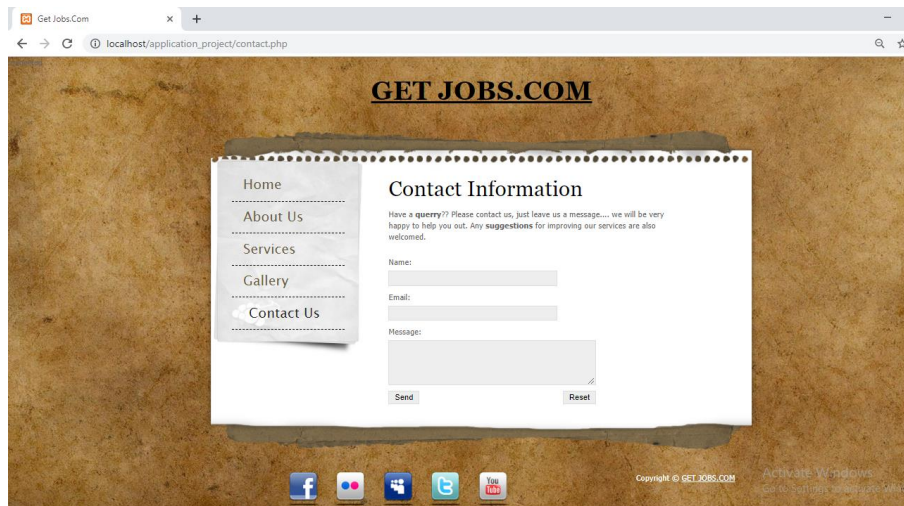
*This page displays the top 4 companies offering jobs of the website, along with their slogans and a link to visit their official page.*



Screenshot9 - our companies

#### 4.2.10 Contact page

Any query or problem using the site or getting details or any difficulty can always be dropped in the contact form. This info will reach to the admin. He/she will respond as soon as possible.

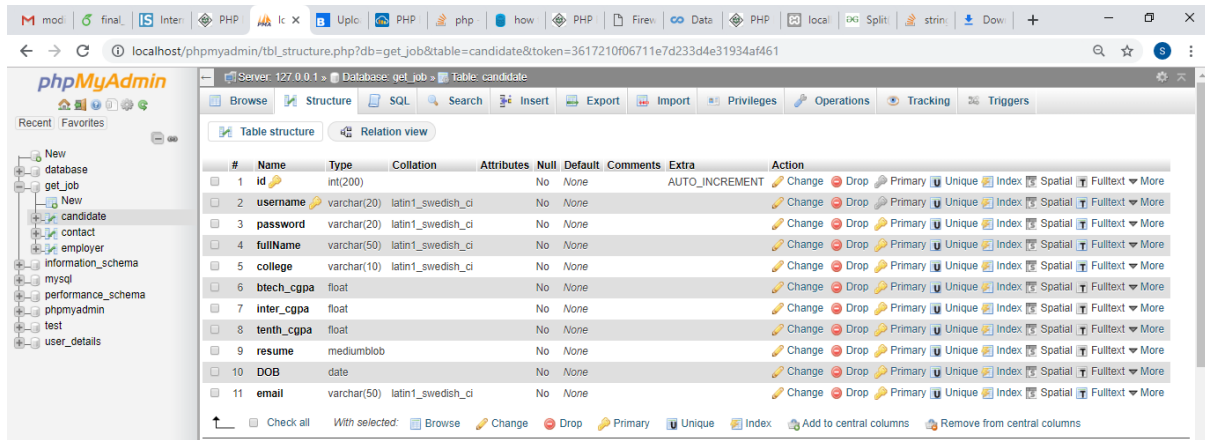


Screenshot10 – contactform



## 4.3 Elements of database

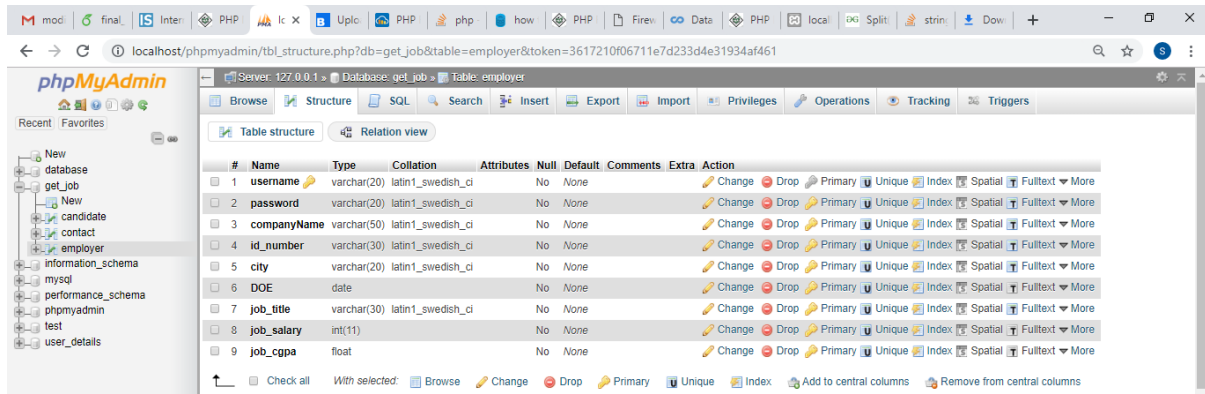
### 4.3.6 Student table:



The screenshot shows the phpMyAdmin interface for the 'get\_job' database. The 'Table structure' tab is selected for the 'candidate' table. The table has 11 columns: id, username, password, fullName, college, btech\_cgpa, inter\_cgpa, tenth\_cgpa, resume, DOB, and email. The 'id' column is the primary key and is auto-incremented. All other columns are unique and indexed. The 'email' column is also indexed for spatial and fulltext search.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(200)			No	None		AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext More
2	username	varchar(20)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
3	password	varchar(20)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
4	fullName	varchar(50)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
5	college	varchar(10)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
6	btech_cgpa	float			No	None			Change Drop Primary Unique Index Spatial Fulltext More
7	inter_cgpa	float			No	None			Change Drop Primary Unique Index Spatial Fulltext More
8	tenth_cgpa	float			No	None			Change Drop Primary Unique Index Spatial Fulltext More
9	resume	mediumblob			No	None			Change Drop Primary Unique Index Spatial Fulltext More
10	DOB	date			No	None			Change Drop Primary Unique Index Spatial Fulltext More
11	email	varchar(50)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More

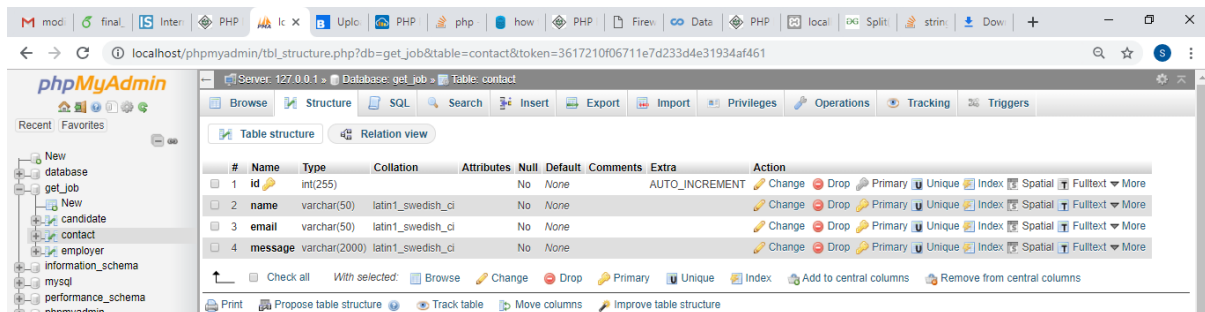
### 4.3.7 Employer table:



The screenshot shows the phpMyAdmin interface for the 'get\_job' database. The 'Table structure' tab is selected for the 'employer' table. The table has 9 columns: username, password, companyName, id\_number, city, DOE, job\_title, job\_salary, and job\_cgpa. The 'username' column is the primary key. All other columns are unique and indexed. The 'job\_salary' column is indexed for spatial and fulltext search.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	username	varchar(20)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
2	password	varchar(20)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
3	companyName	varchar(50)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
4	id_number	varchar(30)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
5	city	varchar(20)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
6	DOE	date			No	None			Change Drop Primary Unique Index Spatial Fulltext More
7	job_title	varchar(30)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
8	job_salary	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext More
9	job_cgpa	float			No	None			Change Drop Primary Unique Index Spatial Fulltext More

### 4.3.8 Contact table:



The screenshot shows the phpMyAdmin interface for the 'get\_job' database. The 'Table structure' tab is selected for the 'contact' table. The table has 4 columns: id, name, email, and message. The 'id' column is the primary key and is auto-incremented. All other columns are unique and indexed. The 'email' column is indexed for spatial and fulltext search.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(255)			No	None		AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext More
2	name	varchar(50)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
3	email	varchar(50)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More
4	message	varchar(2000)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext More

## 5. Project Importance

### 5.1 Positive Experiences

This project has been very useful to me as it not only made me aware of the web technicalities but also helped me to learn the difficulties of a web developer so it created a curiosity in my mind and I am engrossed how to solve the problems.

#### 5.1.1 *Good interface design*

Since the interface between two major parts of the project was defined already at the first week of the project and the final version was concluded two weeks later we knew exactly what we must do and we had no problems with final integration that was the most feared part of the project.

### 5.2 Improvement Possibilities

#### 5.2.1 *Technical problems*

Being in my first project I faced many technical problems .I was quite unaware of the technical terminologies used and faced many problems while interpreting the solutions to most of the problems. I faced great problem while connecting the database to the web pages .Also using PHP for connection was very difficult for me.

#### 5.2.2 *Scope for future developments*

At present the website is more of use for the employer. A way of making it both ways user-friendly(i.e) both candidate and employer, must be found out. The contact details of candidate can be directly shown for the employer for direct contacting. The search can be more specific(like including the students branch). A better styling can also be done. Sending the candidates resume and photo will be more effective on the employer.

## References

- <https://www.w3schools.com/csl-stylesheets>
- [https://stackoverflow.com/php\\_connection](https://stackoverflow.com/php_connection)
- [www.allinternet.com/java](http://www.allinternet.com/java) scripts
- [www.tutorialspoint.com/php\\_errors](http://www.tutorialspoint.com/php_errors)
- [www.tutorialrepublic.com/php\\_syntaxs](http://www.tutorialrepublic.com/php_syntaxs)
- [www.php.net/php\\_theory](http://www.php.net/php_theory)
- [www.alvinalexander.com/](http://www.alvinalexander.com/)
- [www.buildamodule.com/](http://www.buildamodule.com/) building a webpage
- [www.soundmastertemplate.com/webportal\\_templates](http://www.soundmastertemplate.com/webportal_templates)
- [www.webdeveloper.com/blogger](http://www.webdeveloper.com/blogger)
- [www.sitepoint.com/errors](http://www.sitepoint.com/errors)
- [www.tooplate.com/ styling\\_sheets](http://www.tooplate.com/styling_sheets)