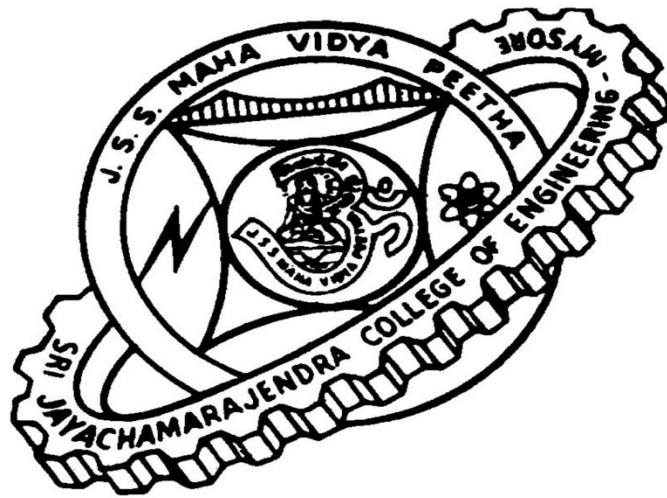


SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING MYSORE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROJECT REPORT ON **STUDENT ALUMNI DATABASE**

for

V semester DBMS LAB

Submitted by

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Under the guidance of

Ms. Sowmya

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ACKNOWLEDGEMENT

The project is successfully completed involving the great efforts of our team members. We have been lucky to have received a lot of help and support from all quarters during the course of this project, so with gratitude we take this opportunity to acknowledge all those whose guidance and encouragement helped us emerge successful.

Its our privilege and honor to express our sincere gratitude to our guide, **Ms.Sowmya** for her encouragement .

We are also grateful to all other teaching and non teaching faculty of our department and our friends who extended a lot of support to us.

INTRODUCTION

The project is to create a system for managing **Student alumni data for the Computer Science and Engineering** branch of a college. The software components will be a database and an alumni web site. The web site will include various web applications that will be used by **alumni** and **Computer Science staff** to manage the data. The software must be extensible as the requirements are likely to change over time.

The project is envisaged to be completed in two phases. The initial phase will be the creation of a simple system that will be used to capture data from current final year students before the end of term . The second phase of development will extend the functionality of the system to allow past alumni to register.

REQUIREMENTS

FUNCTIONAL REQUIREMENTS

User account

- 1) The system should allow the user to create new profile.
- 2) The system should provide the user with an interface to input his/her details.
- 3) The system should allow the user to view his/her profile.
- 4) The system should allow the user to change his/her profile preferences.

Friends

- 1) The system should provide the user with facilities for user to search his/her friends.
- 2) The system should provide the user with facilities to view his/her friend's profile.

Activities

- 1) The system should allow users to view alumni activities.
- 2) The system should allow users to set their activities preferences.

Data Requirements

- 1) Student Profile:
 - * Name
 - * Student ID
 - * Degree programme
 - * Year of graduation

2) Employment Profile:

- * Name and address of current employer
- * Job Category

3) Contact Details:

- * Permanent (postal) address
- * E-mail address

4) Preferences/Permissions

- * Disclose e-mail address to other alumni in the same year
- * Contact preferences (mail, e-mail, etc...)

Others

- 1) The system should allow users to make notes as and when needed.
- 2) The system should allow users to view their notes.

NON FUNCTIONAL REQUIREMENTS

Security

- 1) The system must allow only registered members to view the site contents.
- 2) The system must allow users to update/modify only their accounts.
- 3) Database administrator should have the authority over the entire database and should be made possible to change/modify any database content.

Interface

- 1) The system must have a graphical user interface.

Software Requirements

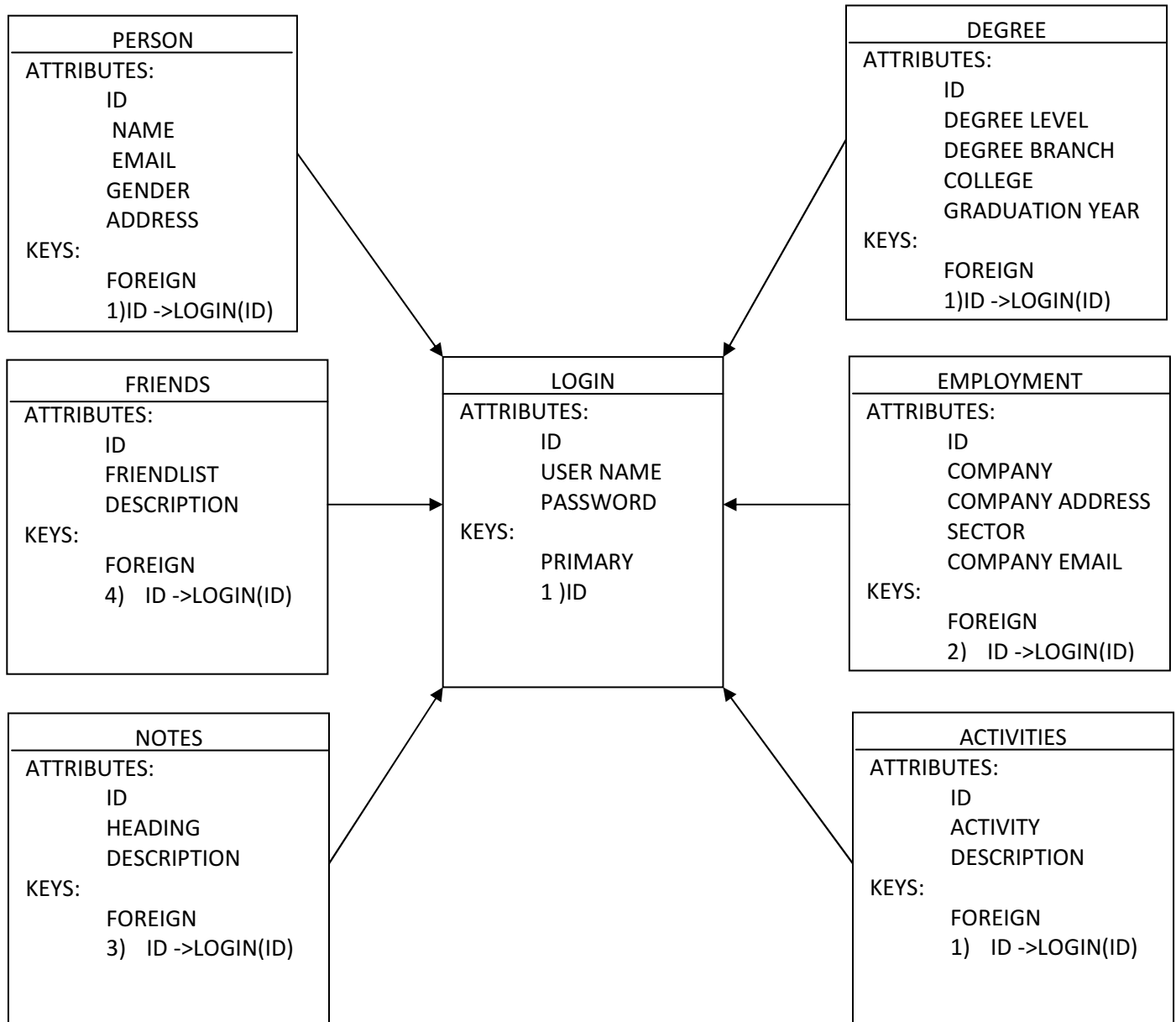
- 1) Operating System

*Ubuntu 8.10 or higher

- 2) Web Browser

- 3) MySQL

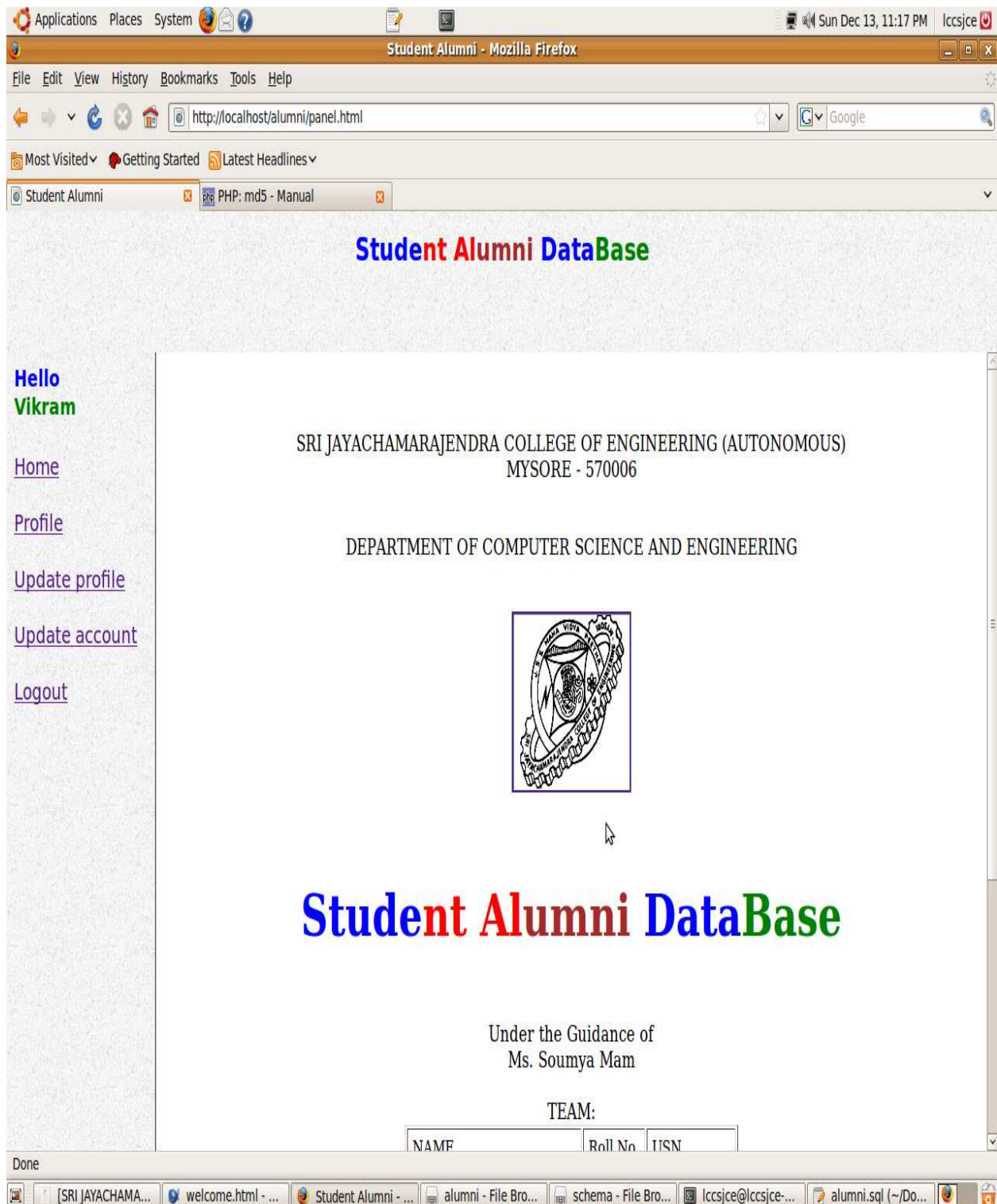
DETAILED DESIGN OF DATABASE



IMPLEMENTATION AND TESTING

Sl no.	Test Case	Expected	Result	Pass
1	Access without registration	Block access and display error	Block access and display error	√
2	User profile creation	Unique id generation and tuple insertion	Unique id generation and tuple insertion	√
3	User profile data access	Display current user details	Display current user details	√
4	User profile modification	Update tuple identified by current user id	Update tuple identified by current user id	√
5	Modification of User data	Access granted	Access granted	√
6	Other User database access by end user	Access denied	Access denied	√

SCREENSHOTS





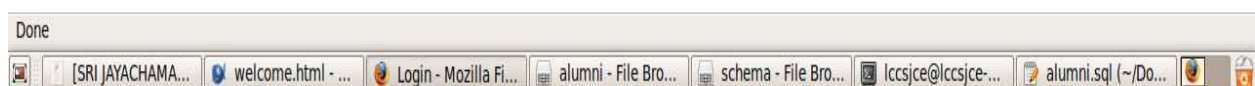
Student Alumni DataBase



Member Login

Username :

Password :







New User? [Register here.](#)



Applications Places System   Sun Dec 13, 11:13 PM lccsjce

New User - Mozilla Firefox

File Edit View History Bookmarks Tools Help

    http://localhost/alumni/newUser.php   Google

Most Visited Getting Started Latest Headlines

New User PHP: md5 - Manual

Student Alumni DataBase

Create an Account:

Please fill this form to get a new account.

Personal Details:

Name :

Address :

Sex : ☐ Male ☐ Female

Email :

Qualifications:

Degree :

Branch/Subject :

College :

Graduation Year :

Done

[SRI JAYACHAMA... welcome.html - ... New User - Mozil... alumni - File Bro... schema - File Bro... lccsjce@lccsjce... alumni.sql (~/Do...

Applications Places System Sun Dec 13, 11:16 PM lccsjce

Student Alumni - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost/alumni/panel.html

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Student Alumni PHP: md5 - Manual

Student Alumni DataBase

Hello
Vikram

[Home](#)

[Profile](#)

[Update profile](#)

[Update account](#)

[Logout](#)

Your Profile

Personal Details:

Name	: Vikram
Address	: Srirampura 2nd Stage Mysore
Gender	: male
Email	: tvvikram.sjce@gmail.com

Qualifications:

Degree details:

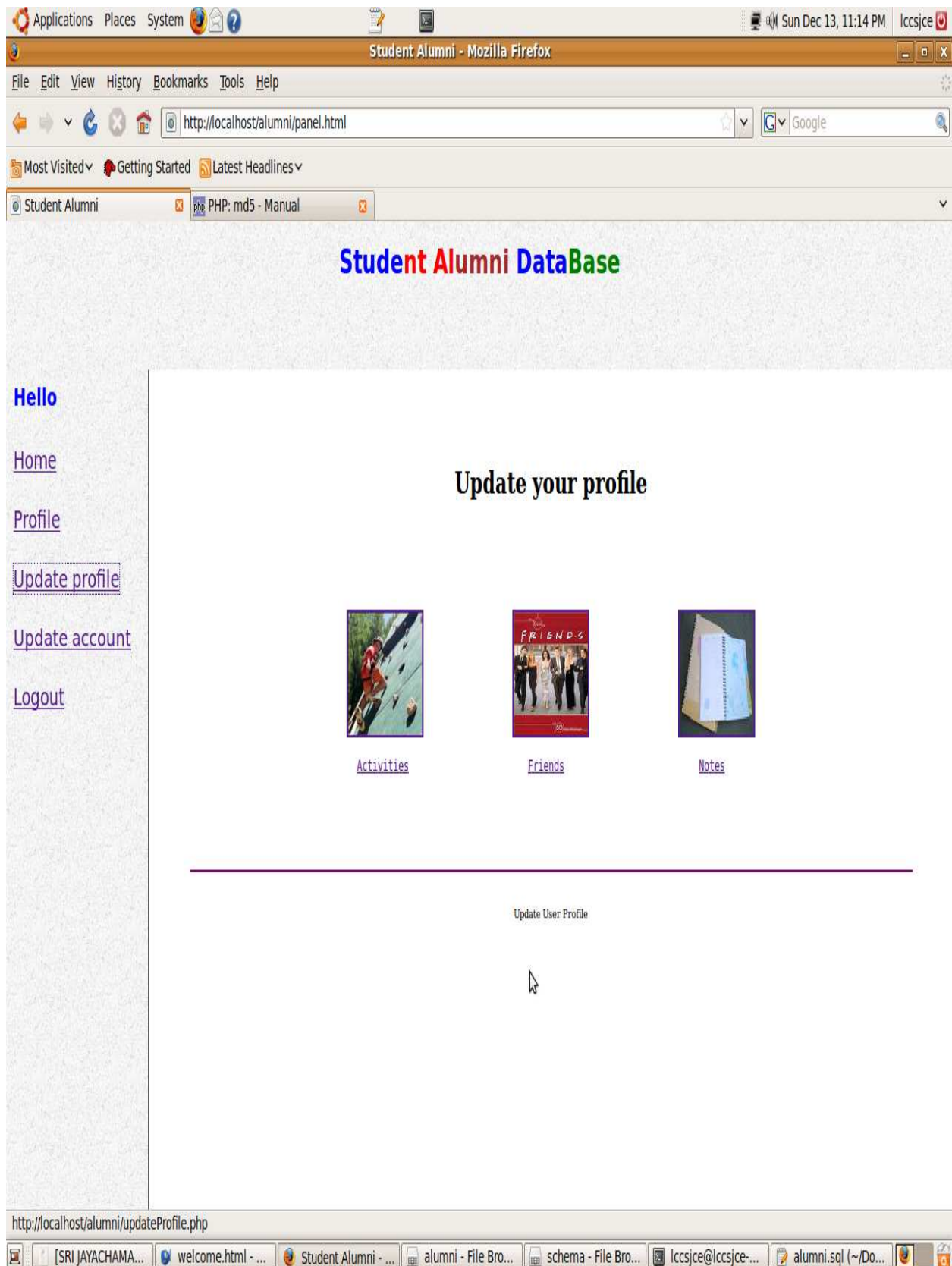
Degree	: UG
Branch/Subject	: CS
College	: SJCE Mysore
Graduation Year	: 2011

Professional Details:

Company	: ABC
Company Address	: Whitefield Bangalore
Sector	: information
Company Email	: vikram@ABC.com

Done

[SRI JAYACHAMA... welcome.html - ... Student Alumni - ... alumni - File Bro... schema - File Bro... lccsjce@lccsjce... alumni.sql (~Do...



REFERENCES

WEBSITES

<http://dev.mysql.com/doc/>

<http://www.hscripts.com/>

<http://php.net/>