Project Report
On

"ESD Training: Student Management System"

Submitted By:

- **Mr. Rahul Hasule**
  Proj. Manager
  Database Designer

- **Mr. Siddheswar Tekale**
  Proj. Concept and Idea
  ER Designer
  Business Logic designer

- **Ms. Gauri Bathe**.
  SRS and Documentation
  Testing

- **Mr. Suyash Jagdale**
  Programming
  UI Designing

- **Ms. Manali Patil**
  UI Designing
  UI Functionality Assigning

*ESD: Employability Skills Development

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1: Introduction

This is the Software Requirements Specification for Student Management System, Which is developed using .Net and SQL Server.

1.1 Purpose

Our product is ESD Training: Student Management System gives the services that must be provided to a trainer to find details of the student provided by that administrator of the college.

This system contains personal data and marks regarding training sessions of the student. Personal details which can be updated and viewed by the administrator. It provides the detailed information about the training sessions, respective trainer, performance of the students throughout training and eligible student to the training.

1.2 Project Scope

Our ESD Training Student Management System usage makes work done at the faster way the software is applicable to view the personal details provided by the administrator of the organization and trainer can edit marks details which can be viewed by the administrator

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2: Overall Description

2.1 Product Perspective

ESD Training: Student Management System is capable of managing each and every data regarding student and his\her training session marks. ESD Training: Student Management System helps us in managing in an extremely efficient way. This ESD Training: Student Management System works in an efficient manner.

We have two modules in this project. One is admin and other is the user. Admin can maintain the personal details and marks details of students and can generate the reports can export the details to excel. User module can edit marks of their respected training session and can view the filled details.

2.2 Product Features

- Reduces the manual workload.
- No need of traditional pen paper based method.
- No need of creating additional report file; the product can be extended so that it can export the students' final data as report by admin directly into text file.
- Complete details of the student can be stored and retrieved.
- Admin can see all the student's details, marks of the different session given by respected trainers.
- The unnecessary and private data is hidden from user(trainer) and only accessible to admin.

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3: System Features

This Student Management System project is mainly divided into following two modules

1. Administrator (Admin).
2. Trainer.

Module Description:

Admin: Admin is a person whose responsibility is to maintain the database that contains each and every data regarding the all the student. Admin can add student details into the database, can be able to delete student details and can update the student personal details.

Admin has some other responsibilities as follows:

- Adding eligible students to ESD program is task which is done by admin.
- Admin maintains the personal details of each and every student in training.
- Admin can generate the reports of the students
- Admin can export the details for into file for storing purpose.

Trainer: The responsibility of the trainer is to login into the site and can view and can able update marks details of the students filled by his/her if there is any wrong details are present. Whenever the trainer will register his/her name then the trainer will be given by one individual username and password. When the trainer will type the correct username and password then the will enter into another page.

User (Trainer) have following functionality:

- Using student data in software inserted by Admin for training purpose.
- Adding marks of students for respective training sessions and projects.

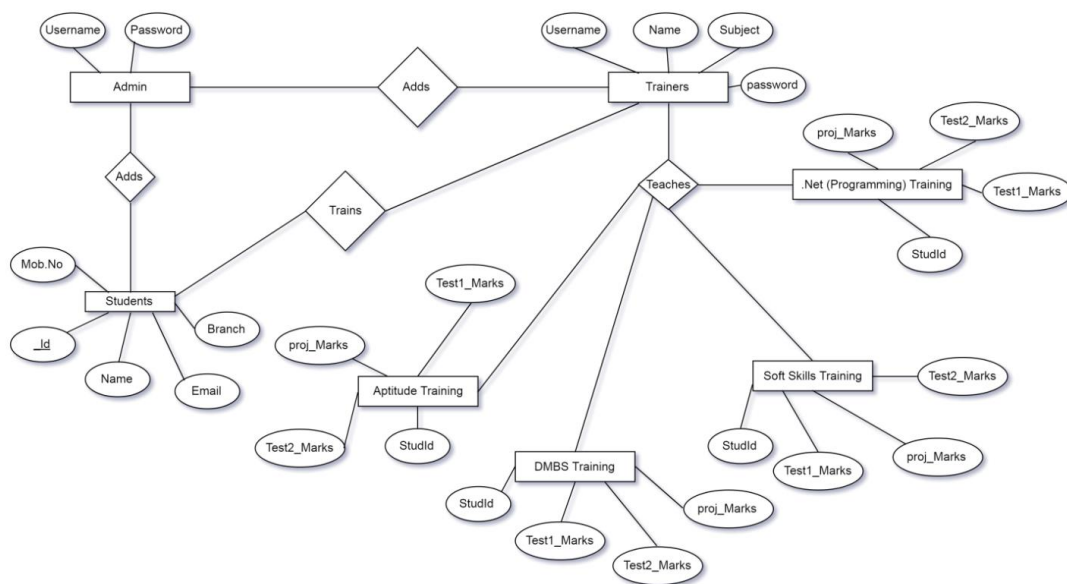*ESD: Employability Skills Development

4: System Requirements

Software requirements:

- Microsoft .Net framework 4.6.1
- Microsoft Visual Studio 2015
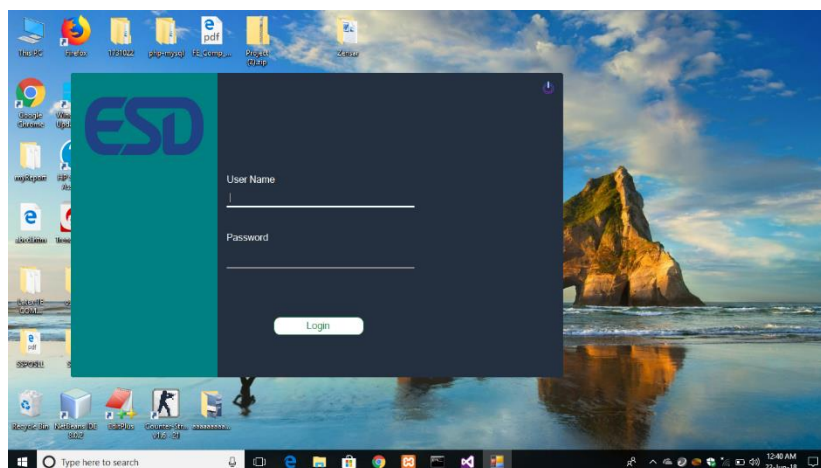- Microsoft C#.Net language
- MySQL Server
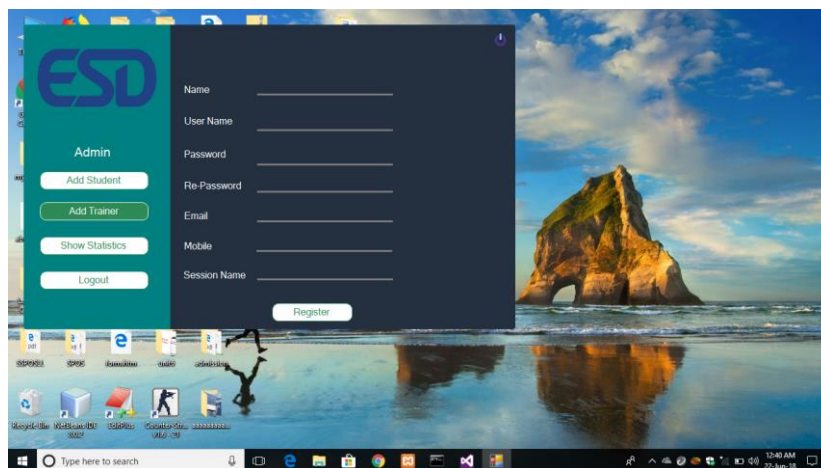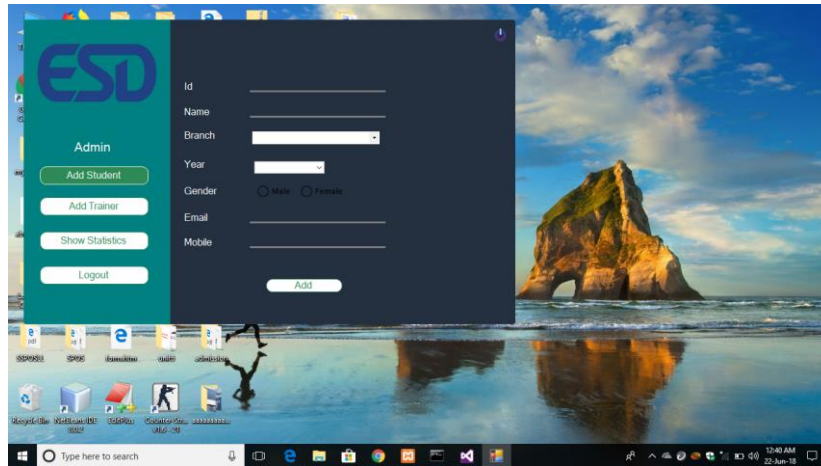- ADO.NET

Hardware Requirements:

- Processor Clock Speed : 1 GHz^
- Ram: 1 GB or more: 2 GB^

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4: ER Diagram

5: Screenshots

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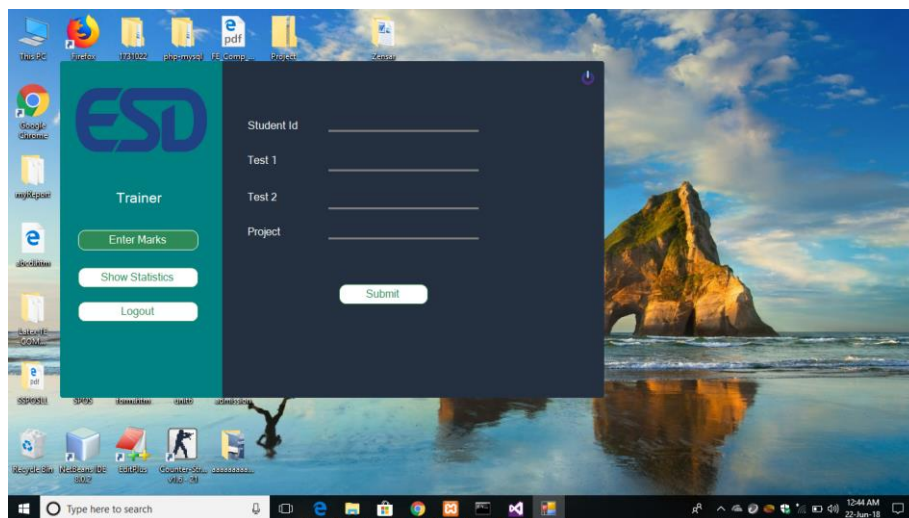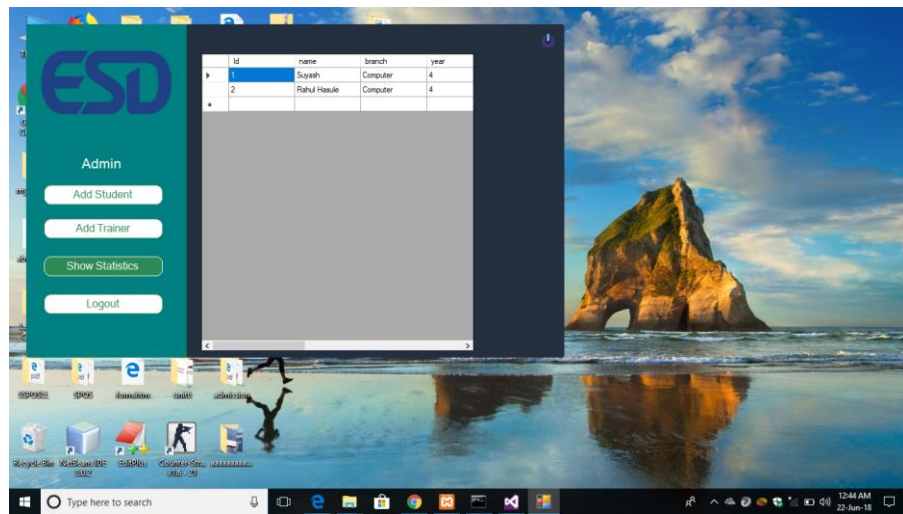*ESD: Employability Skills Development

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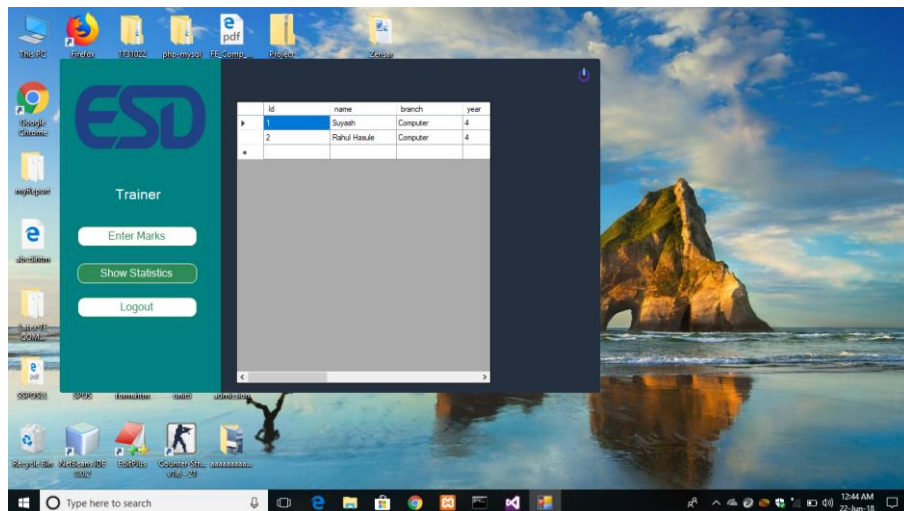
6: CONCLUSION

Hence we can conclude that **"ESD Training: Student Management System"** can be helpful in management of student data by added by administrator and used by trainers to manage students records of eligible students of ESD program and to insert students' marks and also for tracking performance.

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