Education and Industry Training Systems

(EITS)

**Analysis Report**

Group:   
*Eat, Sleep, Code (ESC)*

Members of ESC:  
*Alexis Lin | Alex Norman | Christian Couper | Tahlia Bennett | Zira Saonu*

*Authors of the Analysis Report will list their initials on the bottom right of each page they have edited.*

*A.N | T.B |*

**Abstract**

The ‘Education and Industry Training Systems’ company, also known as EITS, has requested for a program to be created for their company’s offices in regards to assisting with administration and supporting client activity. They would like a program that will have the ability to:

* Welcome old or new clients into the office and track their attendance.
* Interact with clients in their choice of training options on their selected industry field.
* Track the clients’ choices and training progress throughout each client visit.
* Store records of these details for each individual client for review, reporting and statistical reporting purposes; and for planning future company’s shops work practises.

EITS has stated that they currently have an open-budget for this project. However, EITS would like to keep the costs of the development of the project to a minimum and would not like to provide additional funding for unnecessary additions to the program.

EITS would like the project to be finished and completed by the 18th of June, 2018. Unexpected bugs or delays that may interfere with this date and increase the expected completion time by a week or two will not affect the funding of this project.

*A.N | T.B |*

**Table of Contents**

|  |  |  |
| --- | --- | --- |
| ***Page #*** | ***Title Of Page*** | ***Description Of The Page*** |
| 1 | Title Page | *This page includes the following information:*  *Title of the Project, group name and the members involved in the group.* |
| 2 | Abstract | *“The Abstract Page shows in dot-point form the most important information and results from the preliminary investigation.”* |
| 4 | Introduction | *The Introduction Page will show the objective of the project and a brief description of what is required.* |
| 5 | Background Information | *The Background Information Page will;*   * *Clients request for what program will include and how it will function.* * *Time and Cost estimates.* * *Expected benefits.* |
| 6 | Design | *The Design Page will contain screenshots of what the program looks like, screenshots of the code (including comments in the code), information about the database and any software development life cycles and ER Diagrams used.* |
| 7 | Procedure | *The Procedure Page will show what each ESC member is assigned to do and a brief description on how each member completed their tasks. This page will also provide evidence and information regarding the debugging throughout the project.* |
| 8 | Results | *The Results will show the final project via screenshots of what the finished project looks like as well as screenshots of parts of the completed code. (Only need 1-2 screenshots with a description of what the code does). A screenshot of the database and contain the results from test A, B, C and D of the program.* |
| 9 | Conclusion | *The Conclusion Page will summarise the above information (Introduction, Background Information, Design, Procedure and Results).* |
| 10 | Work Cited And Key | *This page will contain references and links to websites and other sources of information used to assist throughout the duration of the project. It will also contain a brief description of jargon and acronyms that were used in this report.* |

**Introduction**

This report outlines the program that is to be designed for the Education and Industry Training Systems Company (EITS). The program, which will be created by a group called ‘Eat, Sleep, Code (ESC)’, will be designed to suit the needs and requirements requested by EITS.

EITS has requested that the program will have the ability to store and record various information for review, reporting and statistical reporting purposes. EITS intends to use the information gathered for planning future company’s shops work practises. The program will welcome clients to the company’s shops and track their movements and attendance throughout their time with the company. The program must also be able to interact with clients in their choices of training options on their selection of industry.

From what the client, EITS, has requested, ESC designed a C.R.U.D (Create, Record, Update and Delete) program that will keep track of their clients details throughout each visit into the store.

*A.N | T.B |*

**Background Information**

EITS has requested for the program to be able to function in numerous ways while giving different levels of access to the users. These levels of access will be divided into three sections, one for the clients, one for the case-workers and one for the administrator.

The program should be able to perform the following functions:  
- Welcome clients into the company’s shops and track their attendance with a date stamp.  
- Interact with clients in their choice of training options on their selection of industry.  
- Track clients choices and training progress throughout each visit the client makes into the shop.  
- Store a record of these various details.  
- Create, Record and Update information.

As requested by EITS, the program will have three levels of access to the users;  
  
Client:  
- The client will have the ability to self-register their own account. After registering an account, they will have access to fill out a questionnaire, update their details and change their password.   
- Questionnaires will have the ability to be saved and continued at a later date without loss of progress.  
  
Case-Worker:  
- Case-workers will be able to add reports to the client record and have access to the results of each individual client.   
  
Administrator:  
- The administrator will have the permissions to add/employ new case-workers and enable/disable access from the case-workers.  
- They will also have the ability to manually add a client or reset a client’s account.  
- Same access as case-workers.

None of the levels will be able to delete a client or a case-worker from the system.

Time and cost estimates;  
 Project to be completed on the 18th of June 2018.   
 Unexpected delays or bugs may increase this time by another week or two.  
 EITS has an open budget for the project, ESC will try to be keeping the cost of the development of the project to a minimum without spending any additional funds unless necessary.

Anticipated tangible and intangible benefits (Measurable and not measurable (benefits of the program));  
 Measured, client attendance, how many clients are using the program and results   
 Not measured, client satisfaction.

**Design**

**Procedure**

**Results**

**Conclusion**

**Works Cited and Key**