

Centre Name: ACE-HCMC-2-FPT.
Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.

Webster

Online - Aptitude Test

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Semester: 3
Batch No: T1. 2008.A0
Group No: 1

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Month: 12 Year: 2021

This is to certify that

Mr. Nguyễn Ngọc Thiện
Mr. Lê Nguyễn Thành Nhân
Mr. Lê Hữu Tâm
Mr. Phạm Viết Vương

Have successfully Designed & Developed

Webster – Online Aptitude

Submitted by:

Mr. TRAN PHUOC SINH

Date of Issue:

Authorized Signature:

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Review 1

Design Plan: Webster	Document Name: Problem Definition	SWD/Form No.01/PD/ver1.0
Effective Date: 21-Dec-21	Version 1.0	Page No: Page 6 of 45

Acknowledge

We would like to express our special thanks of gratitude to our teacher Tran Phuoc Sinh as well as Aptech who gave us the opportunity to do this wonderful project. We are thankful for the opportunity to increase our knowledge and fortified our skills on the subject of website development. We acknowledge this project was designed to advance our future prospect.

Introduction

The Webster organization is the leading organization in the world of Oil-Gas Company. They have various branches throughout the world. It has various bonds with different multi-national company. The company wants an application to be built for the jobseeker where the entire candidate as per to the criteria will appear for the online test and based on the result of this the candidate will go for further rounds.

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Design Plan: Webster	Document Name: Problem Definition	SWD/Form No.01/PD/ver1.0
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Project Objectives

The objective of this program is a functional web application which meet the requirement of a simple to use, ease of access for a user to find available vehicle for rent, registering vehicle and the capability for business to administer the system.

Problem Definition

The www.webster-aptitude.com website is built for two main groups: test candidate & the manager. Features for each group are listed as the following:

From the view point of candidates:

- There must be a login box to enter details
- A menu that will include all the functions implemented in the website
- Candidate receive login details in their mailbox immediately after register their email on the website.
- Candidate receive test schedule notification in their mail, the time schedule given also unlock access link for candidate to participate in the test.
- Candidate can access their profile page to view and update personal details, as well as viewing score of their completed test.

From the view point of manager:

- A login page granting access to dashboard & control panel
- Manager can view, add, update and delete test schedule
- Manager can view, add, update, delete candidate details.
- Manager can manage test questions & respective answer.
- Manager can produce reports using data of passed candidates, scores, number of participants, ratios of correct answers.

The web application is to be developed on Windows the using .NET/ASP. The app should work well in other operating system and all leading browsers including Chrome, IE, Firefox etc.

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Design Plan: Webster	Document Name: Problem Definition	SWD/Form No.01/PD/ver1.0
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Data Processing

From user

Input

- Register account on Webster, login to be able to perform the attitude test
- Participate in aptitude test within timer

Output

- Able to view result board at the end of each testing session

Receive notification of:

- Successful logging in or successful register new account.
- Validation of register input
- Email notification of test schedule & login info

From Admin

Input

- Able to add, edit, delete test questions, user account, guides and instructions

Output

- View candidate info, test result, test questions.

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Design Plan: Webster	Document Name: Customer Requirement Specification	SWD/Form No.02/CRS/ver1.0
Effective Date: 21-Dec-21	Version 1.0	Page No: Page 9 of 45

Customer Requirement Specification

Client has put forwarded all the list of data's, he/she required in the application which is stated below:

- **MANAGER:** Manager will have the authority to enter the details of the candidates appearing for the interview. Details to be maintained like Education details, Personal details, Work Experience. After this Manager will allocate the Username and Password for the candidates.
- Manager can even view the list of all the candidate who is or has appeared along with the result (if achieved)
- If the candidate passes the test, then their names are transferred for next round (HR) round. In the transfer process the data of the candidate must be transferred in the new table (Transfer/ Apt-clear Table) which will be referred by the concern person.
- Manager even will have the responsibility to edit, update, add, save the test question. For doing this the manager has go in the test section available on its profile and can change the question accordingly by clicking the edit button and then saving the new question.
- Report section must be added for viewing the generalized data which can be filter by date, week or month.
- **CANDIDATE LOGIN:** Each candidate will have their login details provided to them by the Manager. These details must be entered in the candidate's login section.
- Candidate will start the test then as per the schedule, time allocated for the test. They are supposed to follow the linear mode and once the answer is submitted then it can be changed.
- After finishing the test, the candidate will have to click on "Complete my test" and then log out the session.

While entering the data of the job seeker a constraint validation must be provided on the fields to accept the proper data type information.

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Design Plan: Webster	Document Name: Customer Requirement Specification	SWD/Form No.02/CRS/ver1.0
Effective Date: 21-Dec-21	Version 1.0	Page No: Page 10 of 45

Functional Requirement Specifications

User Functionality:

REQ-01: Register

REQ-02: Email notification

REQ-03: Login, logout

REQ-04: View profile

REQ-05: View test schedule

REQ-06: Access test on time

REQ-07: View test score

REQ-08: Edit profile

Admin Functionality:

REQ-09: Login, logout

REQ-10: Change password

REQ-11: Manage Exam

REQ-12: Manage Test Questions

REQ-13: Manage User

REQ-14: View report

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Design Plan: Webster	Document Name: Customer Requirement Specification	SWD/Form No.02/CRS/ver1.0
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Hardware/ Software Requirements

Hardware

Web Server

Processor	Intel Core I5 or higher.
Memory	4 GB RAM or greater.
Modem/ADSL	Internet access is required.

Client

Processor	Intel Core I3 or higher.
Memory	2 GB RAM or greater.
Monitor	Super VGA (1024x768) or higher resolution.
Modem/ADSL	Internet access is required.

Software

Web Server

Operation System	Window 7 or later.
Browser	Google Chrome
Database	Microsoft SQL Server.
Software	ASP .NET

Client

Operation System	Window 7 or later.
Browser	Google Chrome, Edge, Safari, etc.

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Design Plan: Webster	Document Name: Task Sheet	SWD/Form No.03/TS/Ver1.0
Effective Date: 21-Dec-21	Version 1.0	Page No: Page 12 of 45

Task Sheet review 1

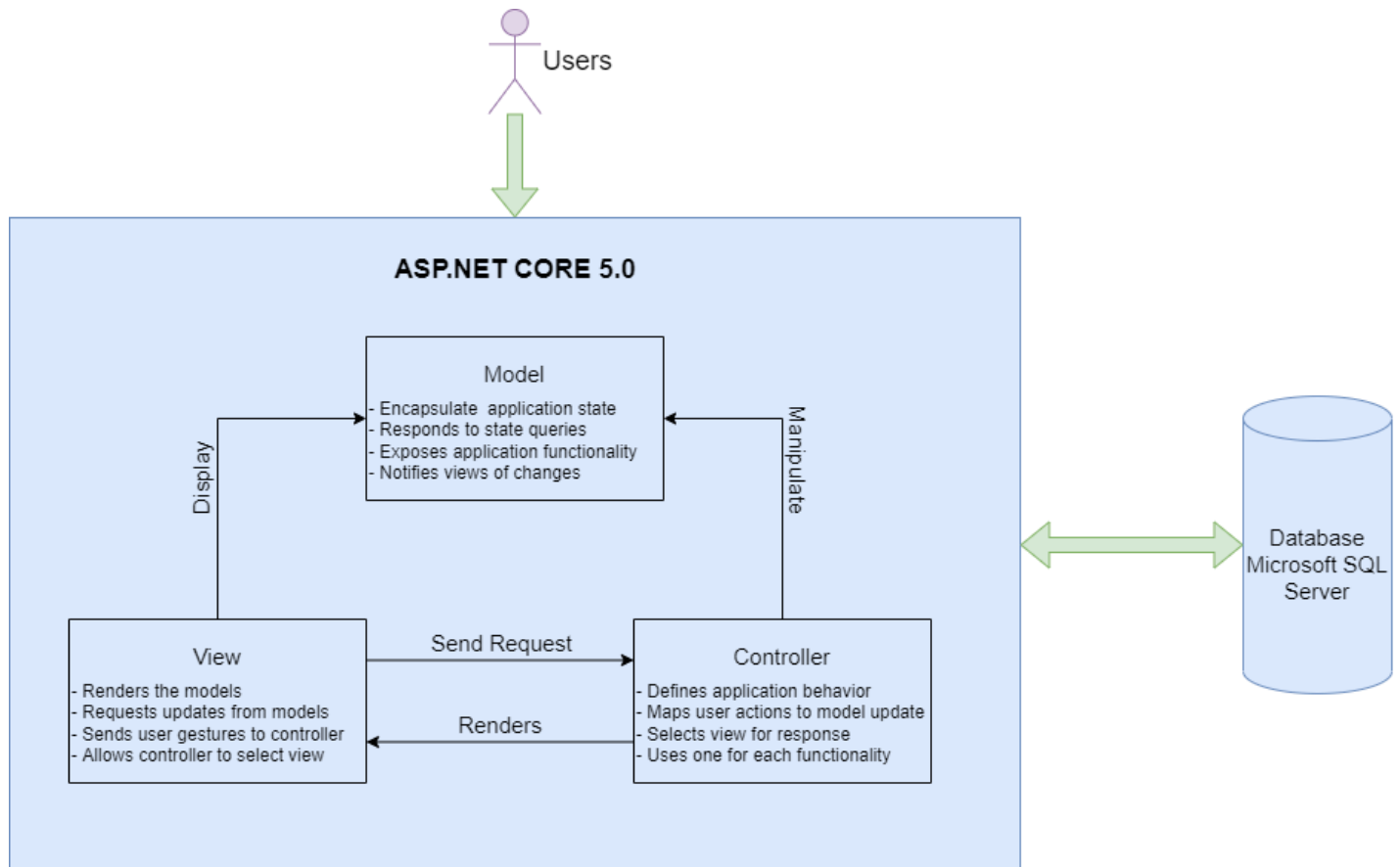
Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr.No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Acknowledgement	Webster Online Aptitude	Nguyễn Ngọc Thiện	27/12/2021	1	All member	Completed
2	Problem Definition			27/12/2021	1	All member	Completed
3	Requirement Specification			27/12/2021	1	All member	Completed
4	Task sheet review			27/12/2021	1	Thiện	Completed

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Date		

Review 2

Design Plan: Webster1	Document Name: Architecture & Design	SWD/Form No.04/DFC/Ver1.0
Effective Date: 24-Dec-21	Version 1.0	Page No: Page 14 of 45

Architecture & Design of the project

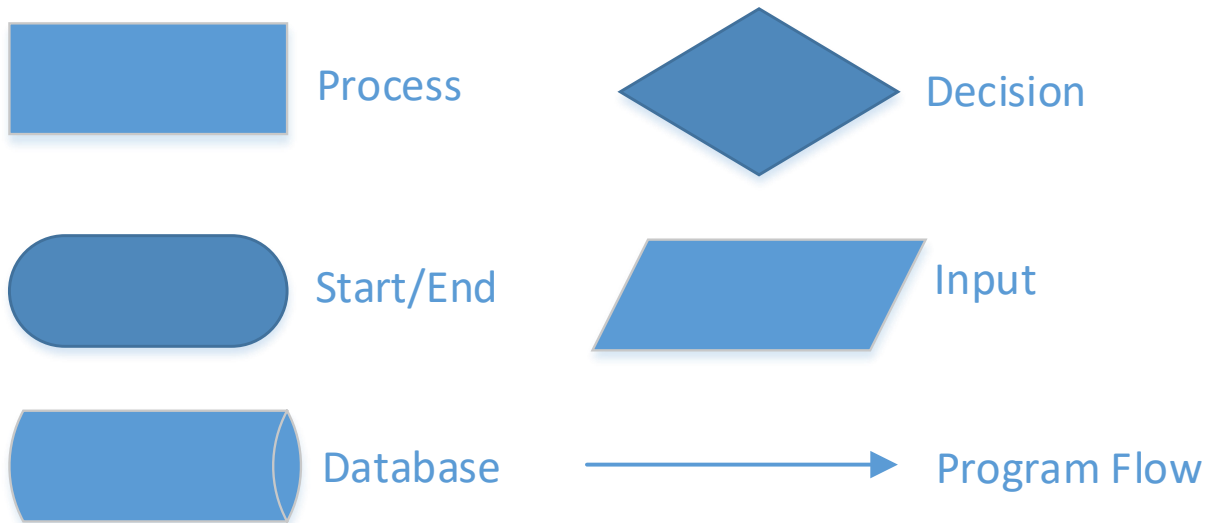


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Design Plan: Webster	Document Name: Data Flow Chart	SWD/Form No.05/DFC/Ver1.0
Effective Date: 24-Dec-21	Version 1.0	Page No: Page 15 of 45

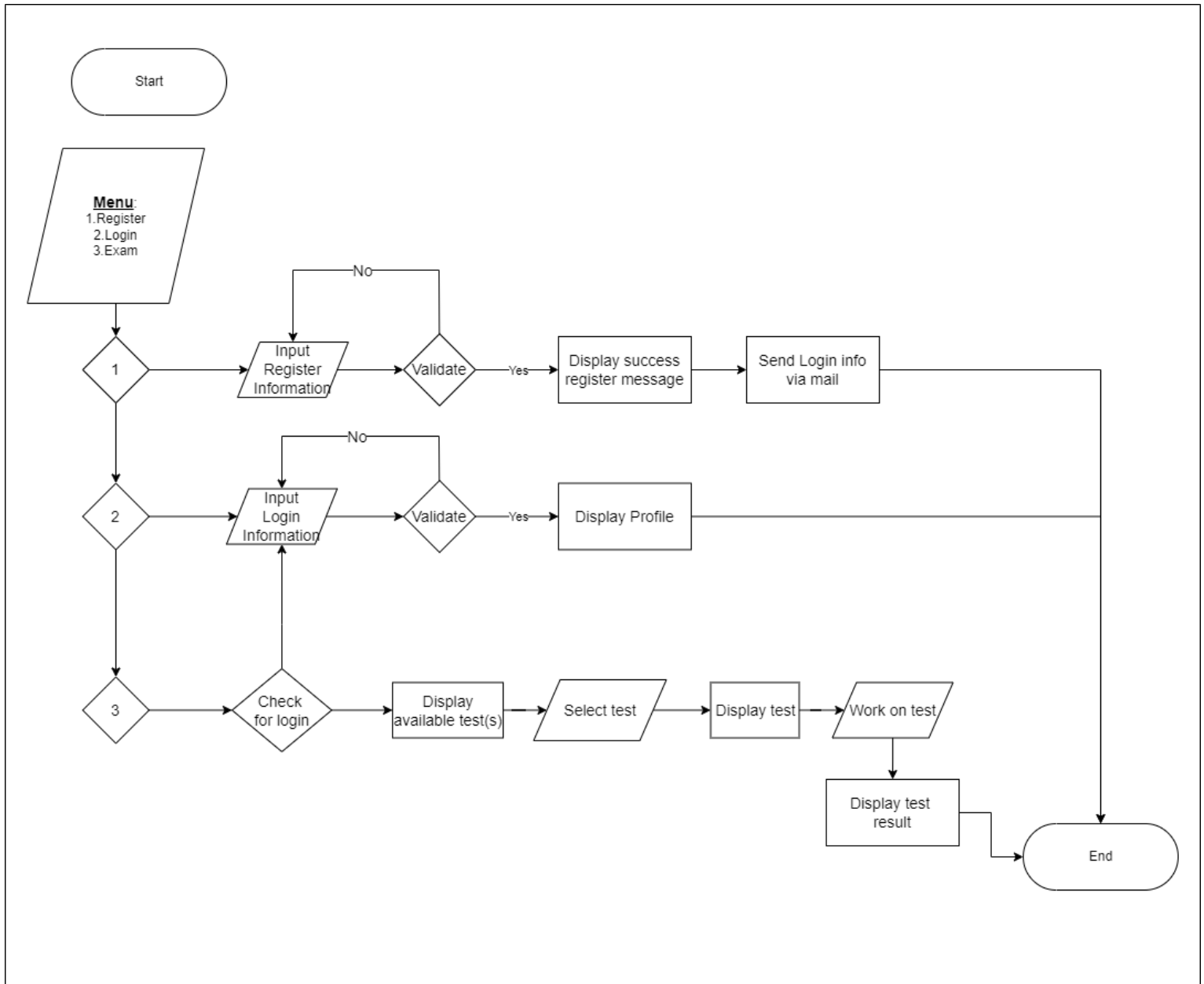
Algorith - Data Flowchart

Symbol:



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Signature		
Date		

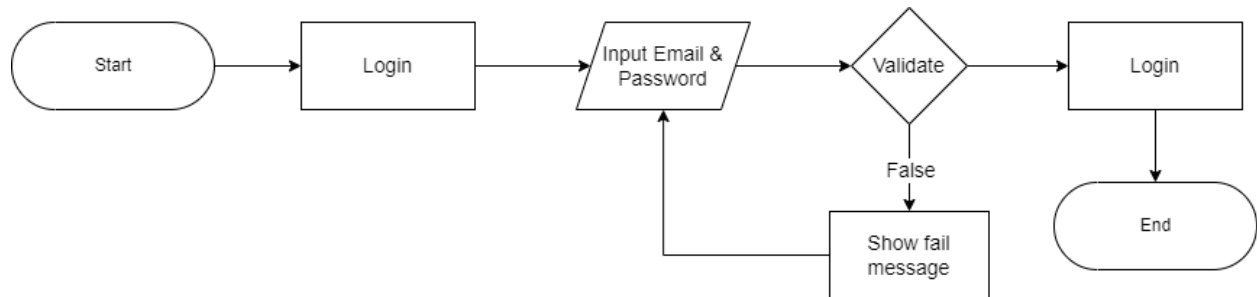
Main data flowchart for users



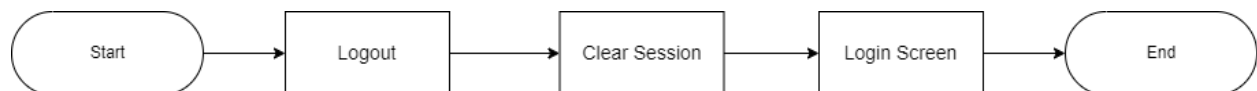
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: Data Flow Chart	SWD/Form No.05/DFC/Ver1.0
Effective Date: 24-Dec-21	Version 1.0	Page No: Page 17 of 45

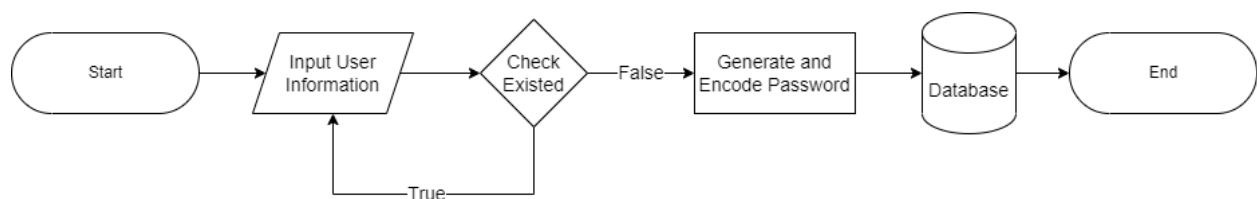
Login Process (for admins & users)



Logout Process (for admins & users)



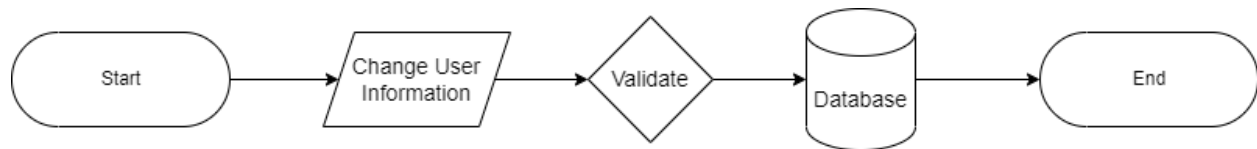
Insert User (for admins & users)



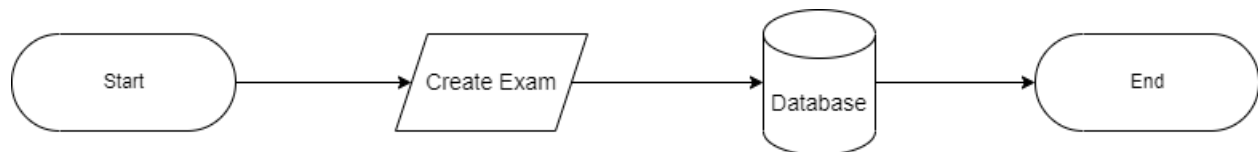
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: Data Flow Chart	SWD/Form No.05/DFC/Ver1.0
Effective Date: 24-Dec-21	Version 1.0	Page No: Page 18 of 45

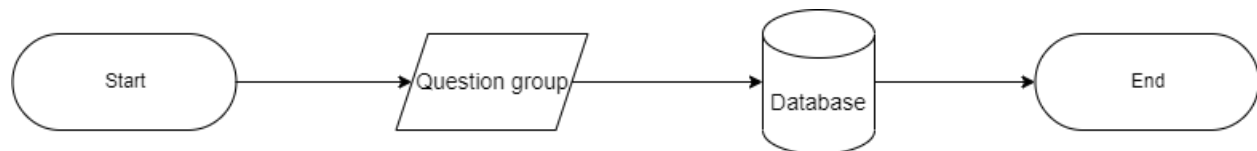
Update user's information (for admins & users)



Create Exam (for admins)



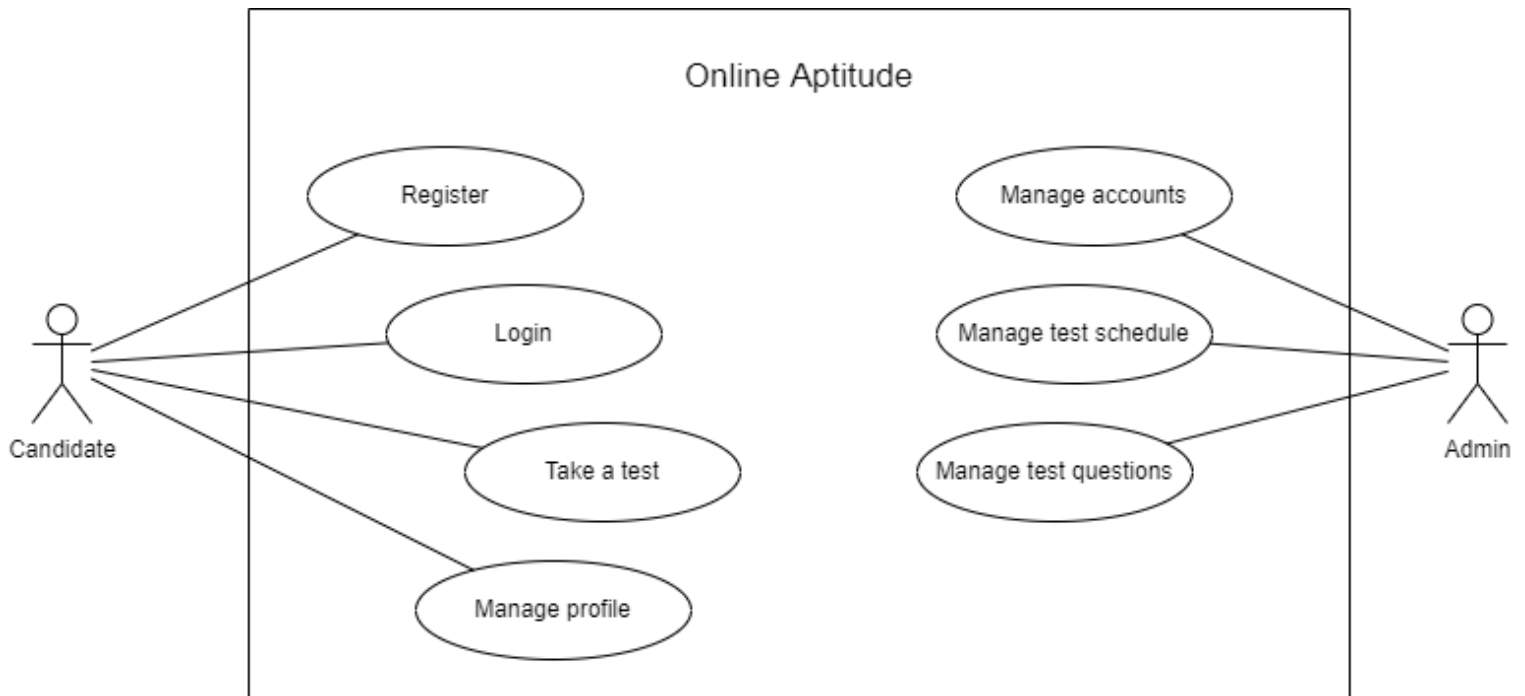
Create Question Group (for admins)



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Design Plan: Webster	Document Name: Use Case Diagram	SWD/Form No.6/UC/Ver1.0
Effective Date: 24-Dec-21	Version 1.0	Page No: Page 19 of 45

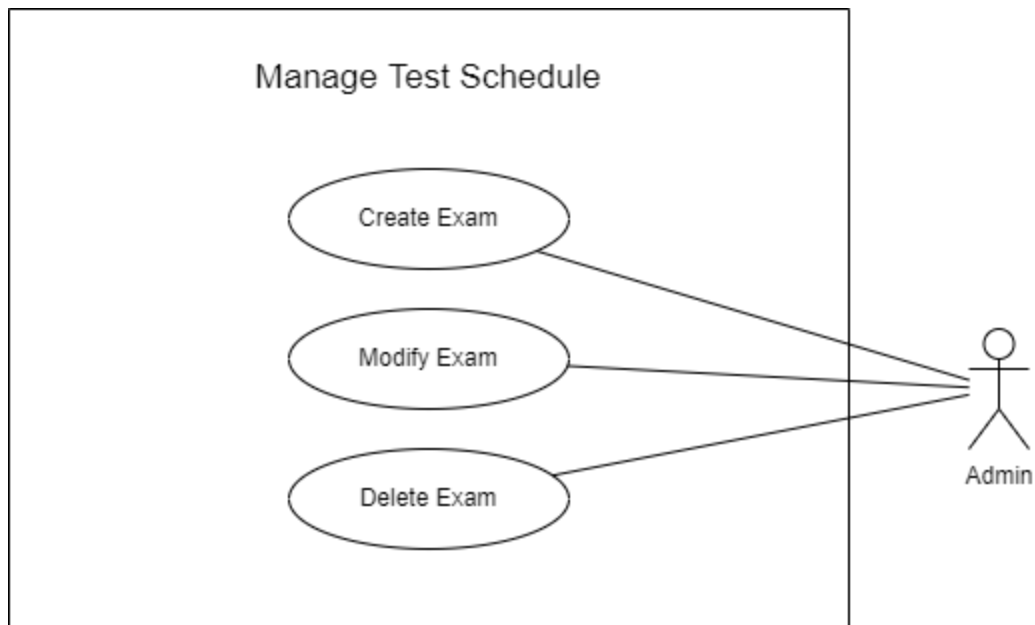
Use Case Diagram



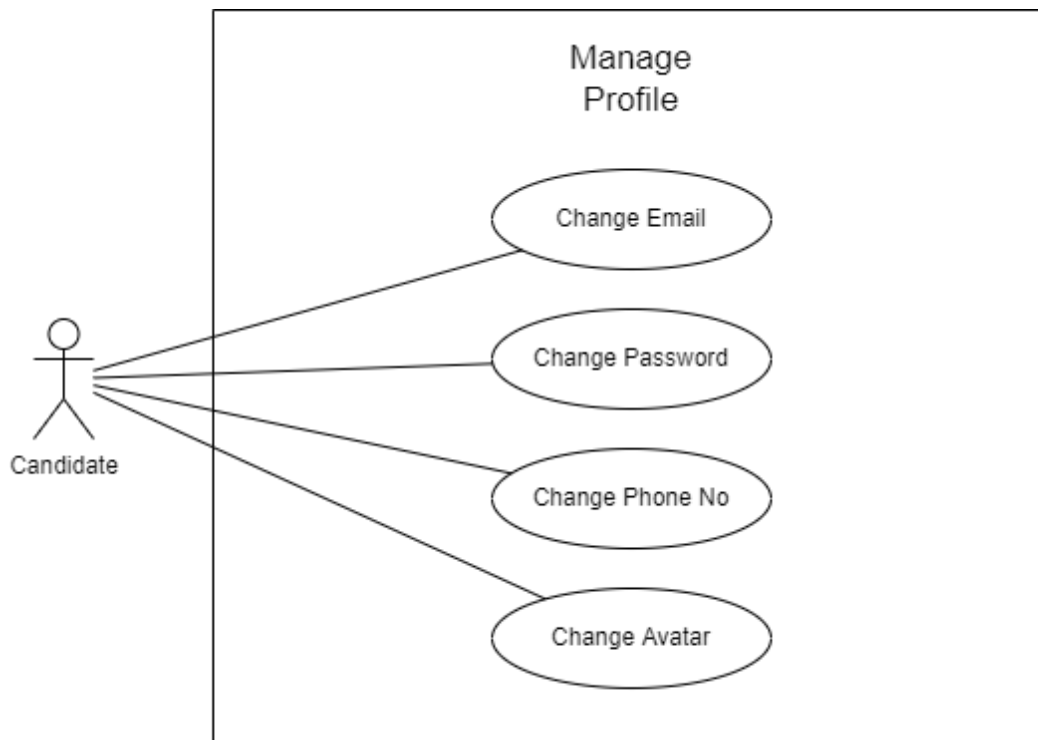
	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

Design Plan: Webster	Document Name: Use Case Diagram	SWD/Form No.6/UC/Ver1.0
Effective Date: 24-Dec-21	Version 1.0	Page No: Page 20 of 45

Admin



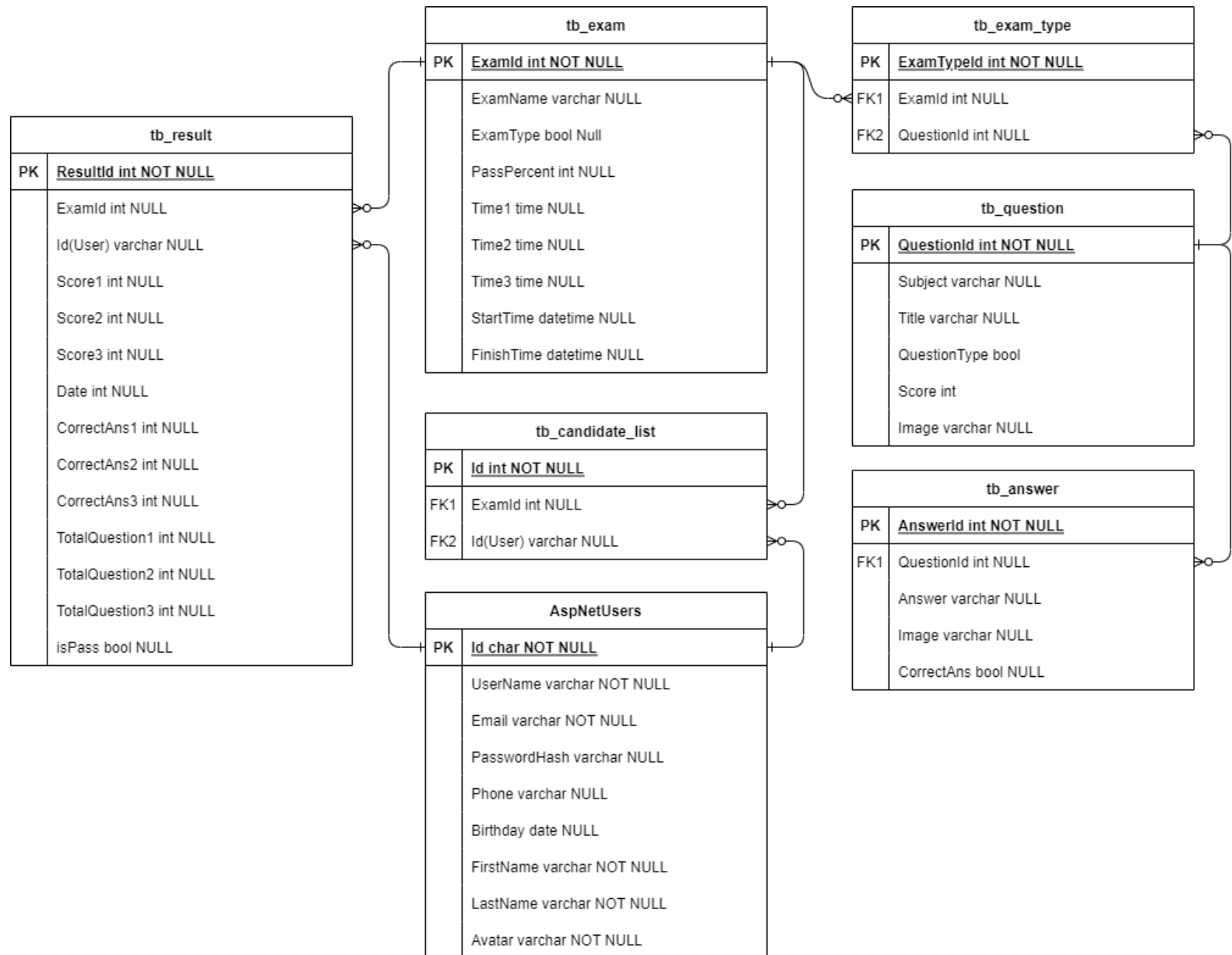
Candidate



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Date		

Design Plan: Webster	Document Name: Entity Relation Diagram	SWD/Form No.7/ERD/Ver1.0
Effective Date: 24-Dec-21	Version 2.0	Page No: Page 21 of 45

Entity Relation Diagram



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Signature		
Date		

Design Plan: Webster	Document Name: Task Sheet	SWD/Form No.8/TS/Ver1.0
Effective Date: 25-Dec-21	Version 1.0	Page No: Page 22 of 45

Task Sheet review 2

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr.No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Architecture & Design of Project	Webster Online Aptitude	Thiện	23/12/2021	1	All Member	Completed
2	Algorithms – Data Flowchart			23/12/2021	3	All Member	Completed
3	Data Flow Chart			23/12/2021	3	All Member	Completed
4	Use Case Diagram			23/12/2021	3	All Member	Completed
5	Entity-Relationship Diagram			23/12/2021	3	Nhân	Completed
6	Task sheet review			23/12/2021	1	Thiện	Completed

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Review 3

Design Plan: Webster	Document Name: Database Design	SWD/Form No.9/DD/Ver1.0
Effective Date: 08-Jan-21	Version 1.0	Page No: Page 24 of 45

Database Design

Table AspNetUsers

No.	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	Id	varchar	No		PK		User's ID
2	UserName	varchar	No				User's username
3	Email	varchar	No				User's Email
4	PasswordHash	varchar	No				User's Hashed Password
5	Phone	varchar	Yes				User's Phone Number
6	Birthday	date	Yes				User's Birth Day
7	FirstName	varchar	No				User's first name
8	Last Name	varchar	No				User's last name
9	Avatar	varchar	No				User's profile picture

Table tb_candidate_list

No.	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	Id	int	No	Identity(1,1)	PK		Candidate's ID
2	ExamId	varchar	No		FK	tb_Exam	Exam's ID
3	Id	varchar	No		FK	AspNetUsers	User's ID

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Date		

Design Plan: Webster	Document Name: Database Design	SWD/Form No.9/DD/Ver1.0
Effective Date: 08-Jan-21	Version 1.0	Page No: Page 25 of 45

Table tb_exam

No.	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	ExamId	int	No	Identity(1,1)	PK		Exam's ID
2	ExamName	varchar	No				Exam's name
3	ExamType	bit	No				Exam's type
4	PassPercent	int	No				Minimum int as pass percent
5	Time1	time	No				Amount of time allocate for first part of exam
6	Time2	time	No				Amount of time allocate for second part of exam
7	Time3	time	No				Amount of time allocate for third part of exam
8	StartTime	datetime	No				Exam's start time
9	FinishTime	datetime	No				Exam's finish time

Table tb_exam_type

No.	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	ExamTypeId	int	No	Identity(1,1)	PK		Exam type's ID
2	ExamId	varchar	No		FK	tb_exam	Exam's ID
3	QuestionId	int	No		FK	tb_question	Question's ID

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Date		

Design Plan: Webster	Document Name: Database Design	SWD/Form No.9/DD/Ver1.0
Effective Date: 08-Jan-21	Version 1.0	Page No: Page 26 of 45

Table tb_question

No.	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	QuestionId	int	No	Identity(1,1)	PK		Question's ID
2	Subject	varchar	Yes				Question's subject
3	Title	varchar	No				Question's title
4	Score	int	Yes				Question's score
5	Image	varchar	Yes				Question's image

Table tb_answer

No.	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	AnswerId	int	No	Identity(1,1)	PK		Answer's Id
2	QuestionId	int	No		FK	tb_question	Question's Id
3	Answer	varchar	No				Answer's content
4	CorrectAns	bool	No				Correct answer

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Design Plan: Webster	Document Name: Database Design	SWD/Form No.9/DD/Ver1.0
Effective Date: 08-Jan-21	Version 1.0	Page No: Page 27 of 45

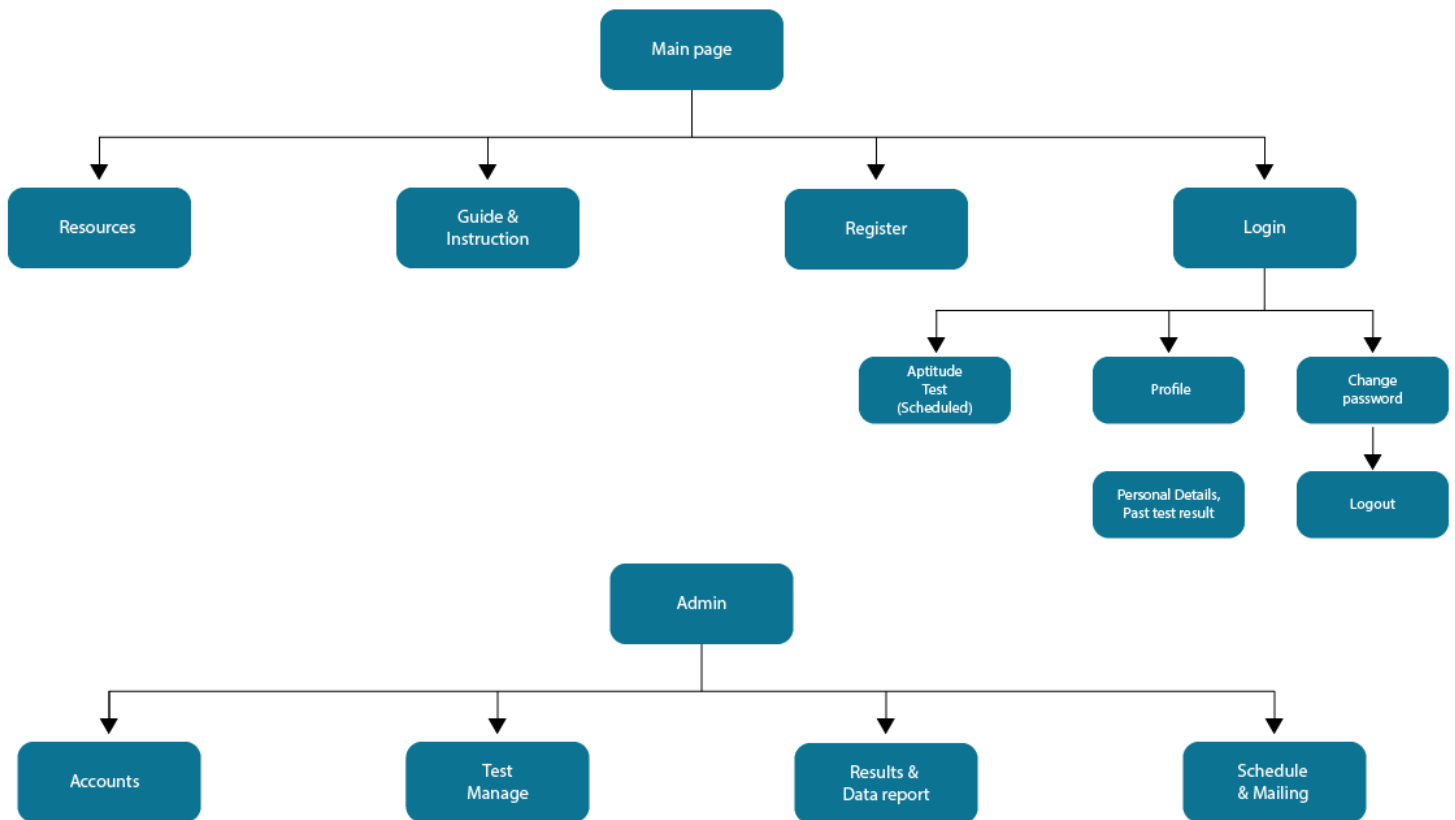
Table tb_result

No.	Field Name	Data Type	Null	Default	Key	Reference Table	Description
1	ResultId	int	No	Identity(1,1)	PK		Result's Id
2	ExamId	int	Yes		FK	tb_exam	Exam's Id
3	Id(User)	varchar	Yes		FK	AspNetUsers	User's Id
4	Score1	int	Yes				Score of first part
5	Score2	int	Yes				Score of second part
6	Score3	int	Yes				Score of third part
7	Date	datetime	Yes				Date taken
8	CorrectAns1	int	Yes				No. of correct answer first part
9	CorrectAns2	int	Yes				No. of correct answer second part
10	CorrectAns3	int	Yes				No. of correct answer third part
11	TotalQuestion1	int	Yes				Total question first part
12	TotalQuestion2	int	Yes				Total question second part
13	TotalQuestion3	int	Yes				Total question third part
14	isPass	bit	Yes				Pass or not

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Design Plan: Webster	Document Name: Site map	SWD/Form No.10/SM/Ver1.0
Effective Date: 08-Jan-21	Version 1.0	Page No: Page 28 of 45

Site map

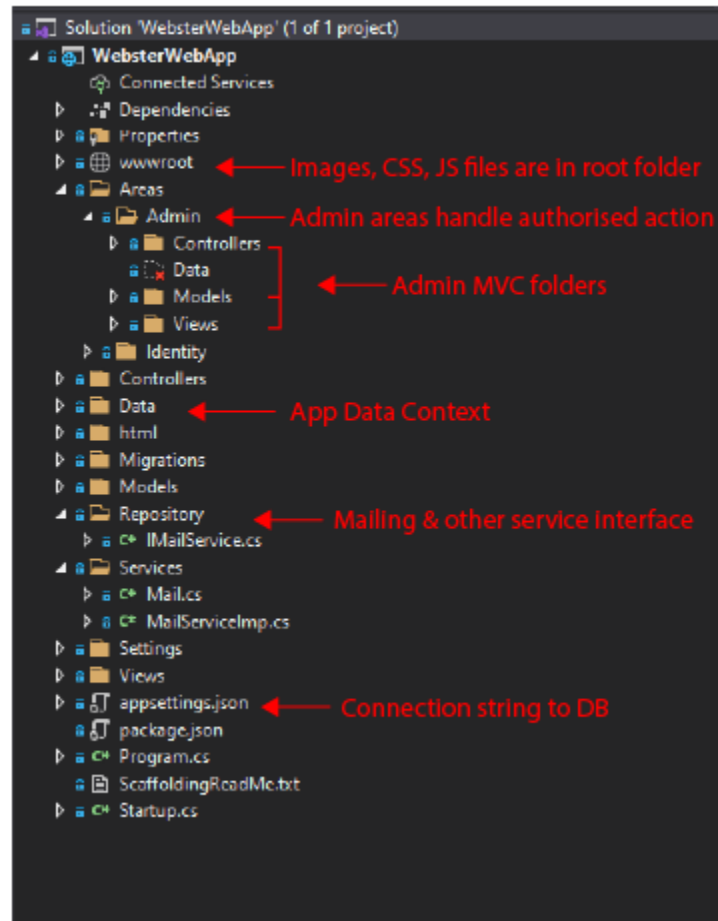


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Design Plan: Webster	Document Name: Source Code Structure	SWD/Form No.11/SCS/Ver1.0
Effective Date: 08-Jan-21	Version 1.0	Page No: Page 29 of 45

Source code structure

Source code folder structure



Database software: Microsoft SQL Server Management Studio 18

Connection string

```
"ConnectionStrings": {
  "ConnectDB": "server=User-PC;database=WebsterDB;uid=sa;pwd=password "
},
```

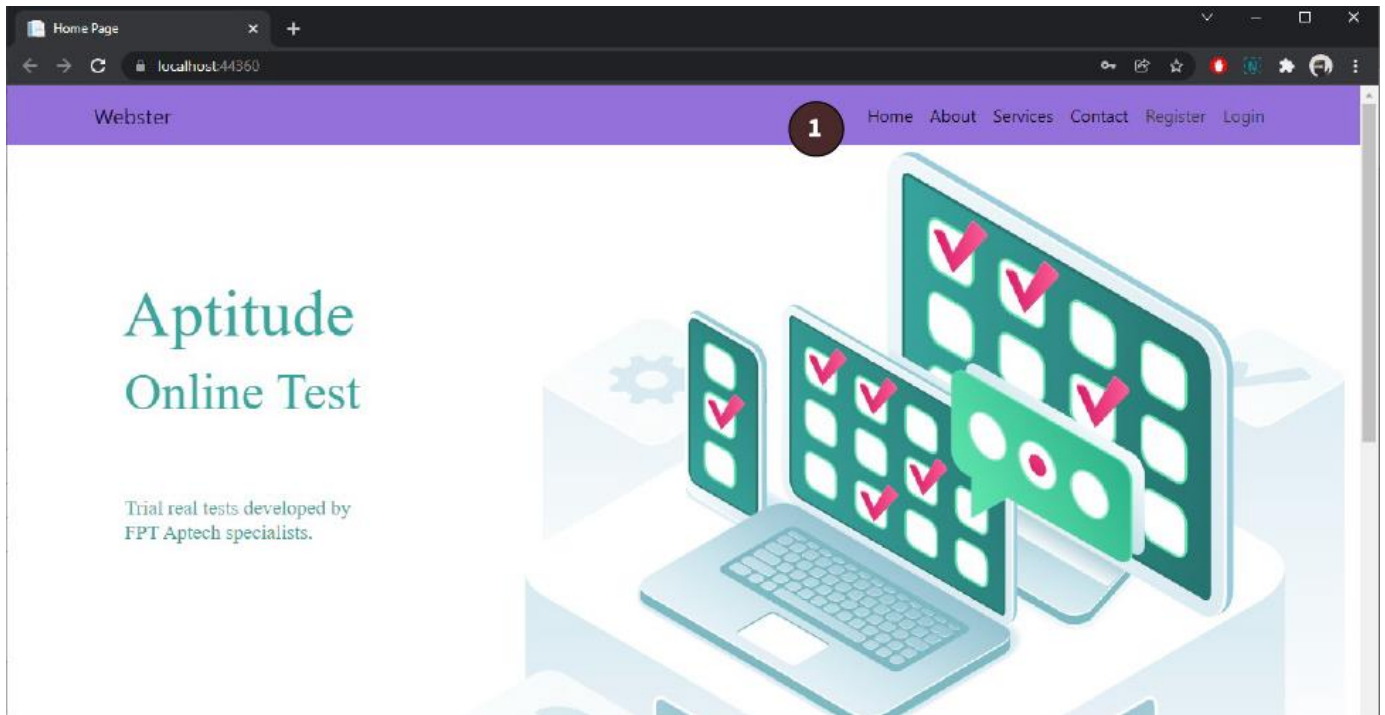
```
30 public void ConfigureServices(IServiceCollection services)
31 {
32     services.AddSession();
33     services.AddDbContext<ApplicationDbContext>(options =>
34         options.UseSqlServer(
35             Configuration.GetConnectionString("ConnectDB"));
36     services.AddDatabaseDeveloperPageExceptionFilter();
37     services.AddAuthentication().AddGoogle(googleOptions =>
```

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Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
Effective Date: 08-Jan-21	Version 1.0	Page No: Page 30 of 45

GUI Design

1.1 Homepage

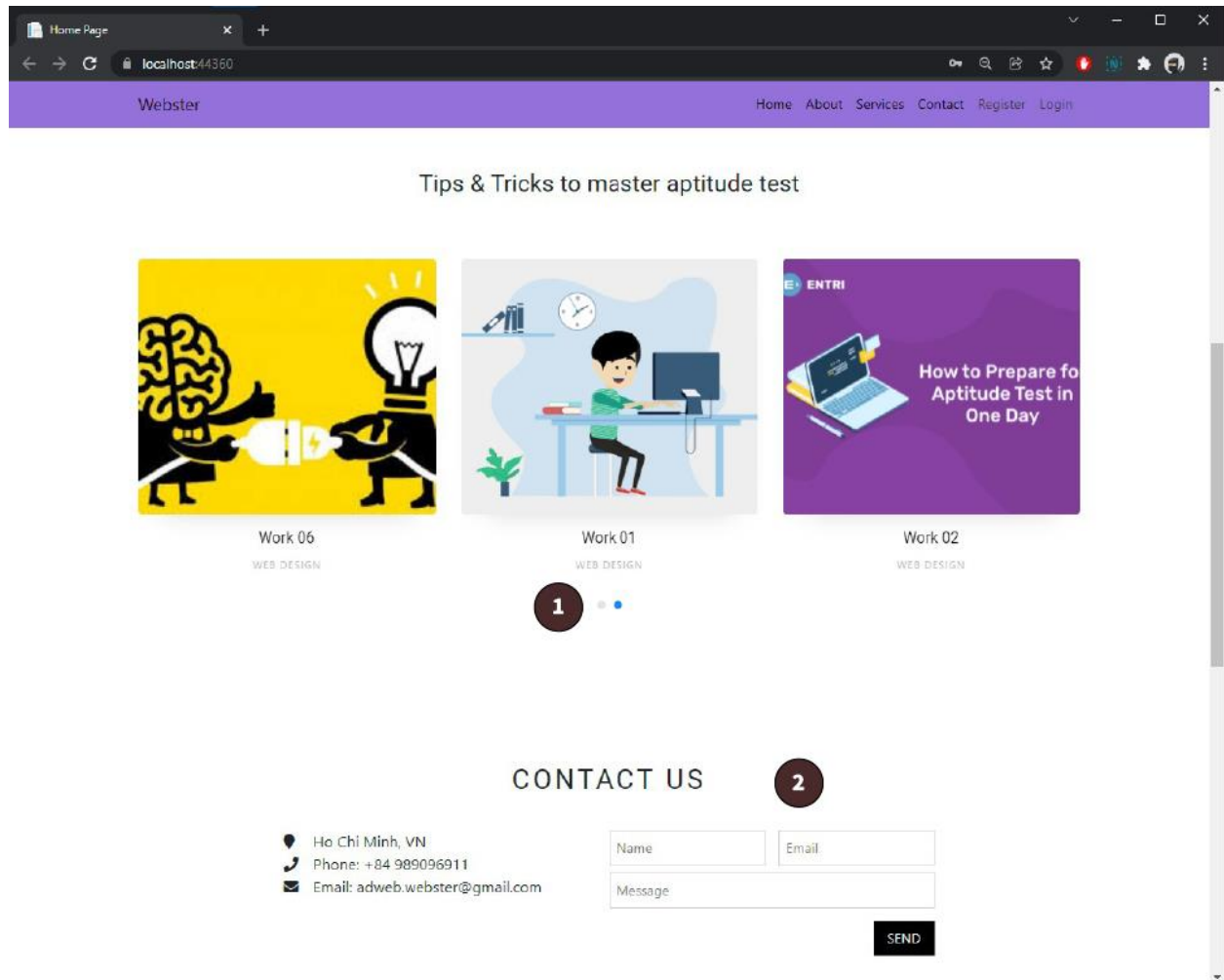


No.	Name	Type	Event	Description
1	Navigation bar	Hyperlink	Click	Choose and click to go to respective pages

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Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
Effective Date: 08-Jan-21	Version 1.0	Page No: Page 31 of 45

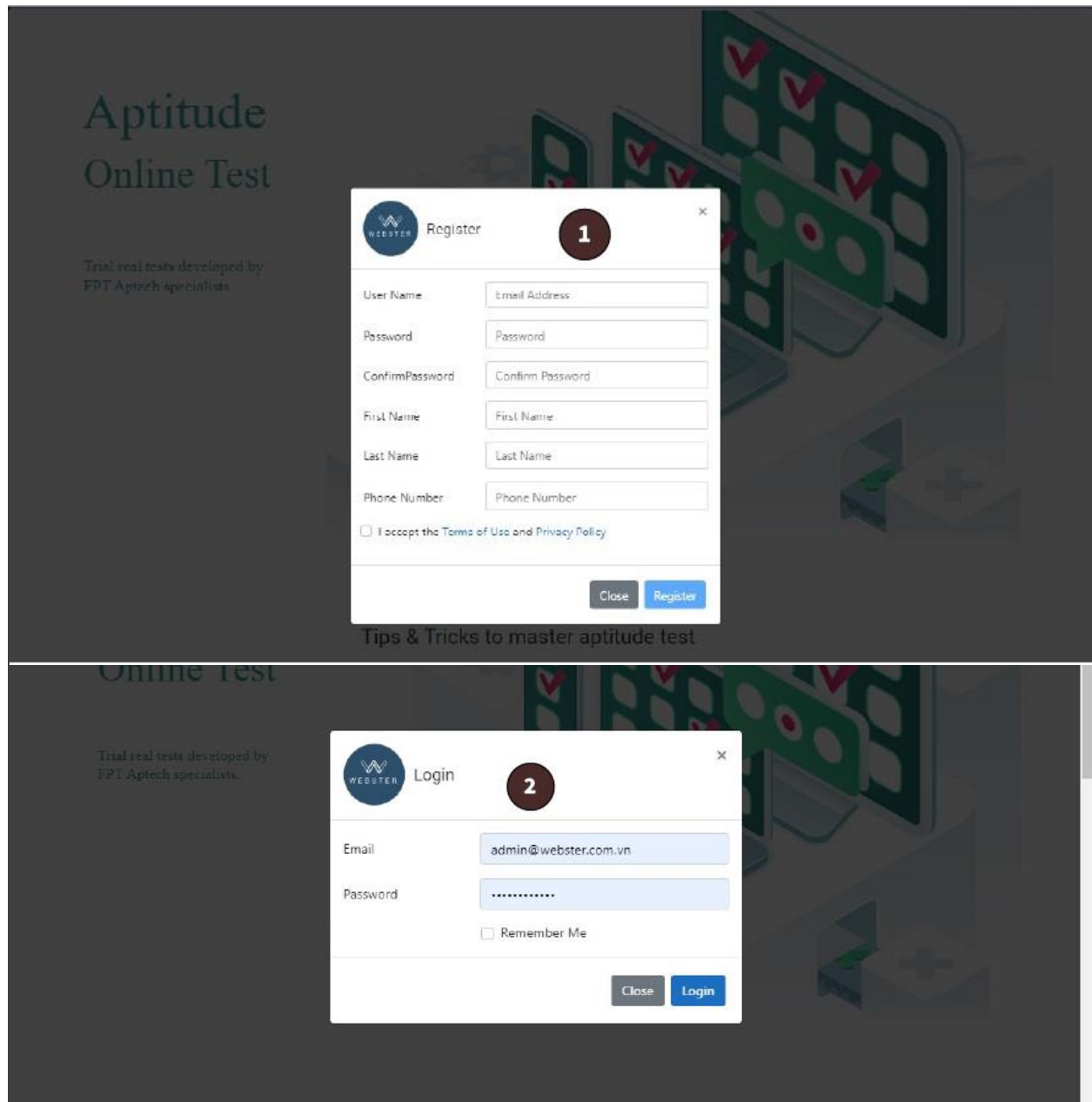
Home Page scrolled down



No.	Name	Type	Event	Description
1	Carousel	Hyperlink	Click	Choose and click to go to respective pages
2	Contact form	Textbox	Input	Fill in the text box and press Send as an email.

	Prepared by (Student)	Approved by (Faculty)
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Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
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No.	Name	Type	Event	Description
1	Register modal form	Form	Focus	Fill in the form and submit to Register
2	Login modal form	Form	Focus	Fill in the text box and submit to Login

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
Effective Date: 08-Jan-21	Version 1.0	Page No: Page 33 of 45

2.1 Online-Test Interface - Admin

Viewing test progress after logging in as admin

Webster
Home About Services Register Login

Statistical List

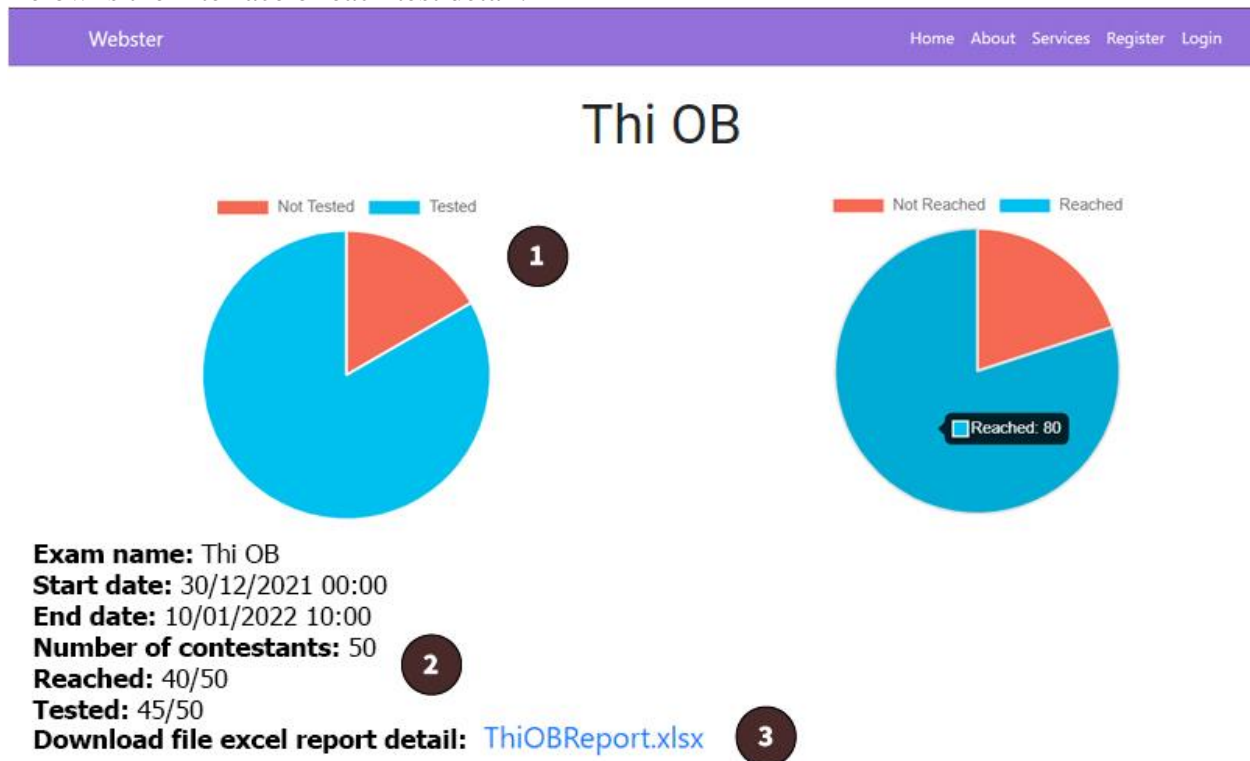
#	Exam Name	Start Date	Start Hour	Status	Action
1	Thi OB	30/12/2021	00 : 00	Happenning	Details
2	Teat1	15/01/2022	11 : 04	Not Happen	Details
3	TEST	29/01/2022	10 : 20	Happenning	Details
4	Thi12313	10/01/2022	07 : 20	Not Happen	Details

No.	Name	Type	Event	Description
1	List of tests	List	Details	Overview of test progress
2	Details button	Button	Click	Press button to view stats

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
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Continuing from viewing test progress as admin.
Below is the interface of each test detail.



#	Email	Name	Status	Action
1	j.thien1551@gmail.com	Le Nguyen Thanh Nhan	Tested	Detail
2	j.thien1553@gmail.com	Nguyen Ngoc Thien	Not Tested	Detail
3	j.thien1552@gmail.com	Pham Viet Vuong	Tested	Detail

No.	Name	Type	Event	Description
1	Charts	Pie chart	Visual	Graphic visual of data
2	Details	Text	Display	Description of test and candidates
3	File Download	Link	Click	Click to download file

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
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2.2 Online-Test Interface – Candidate

Viewing test option after logging in as candidate

Webster	Home About Services Contact Hello j.thien1552@gmail.com! Logout
---------	---

Exam List

#	Exam Name	Start Date	Start Hour	Action
1	Thi OB 1	30-12-2021	00 : 00	Start Exam 2
2	Teat1	15-01-2022	11 : 04	Start Exam
3	TEST	29-01-2022	11 : 02	Start Exam

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

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Test's preface. Candidate start the test by click on 'General Knowledge Exam' button.

Webster
Home About Services Contact Hello j.thien1552@gmail.com! Logout Exam List

Aptitude Exam

Exam Regulations

The Aptitude competition consists of 3 tests. General Knowledge, Math and Tech. It helps us to evaluate you in the most objective way about your thinking ability

Each test consists of 5 multiple-choice questions with an amount of time corresponding to the difficulty of each question. There are two types of questions: single-choice or multiple-choice questions. Candidates should carefully read the requirements of the question

The test may be monitored by the system and will be terminated if the candidate cheats during the test. Behaviors such as switching tabs, opening other tabs, minimizing tabs, etc. during the exam are considered violations. The system will end your test if this behavior is exceeded 3 times

3 General Knowledge Exam

Math

Tech

No.	Name	Type	Event	Description
1	Exam Details	Text	Display	Exam Details
2	Start Exam	Link	Click	Click to start the exam
3	General Knowledge Button	Link	Click	Click to start the exam

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
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Test interface for candidate

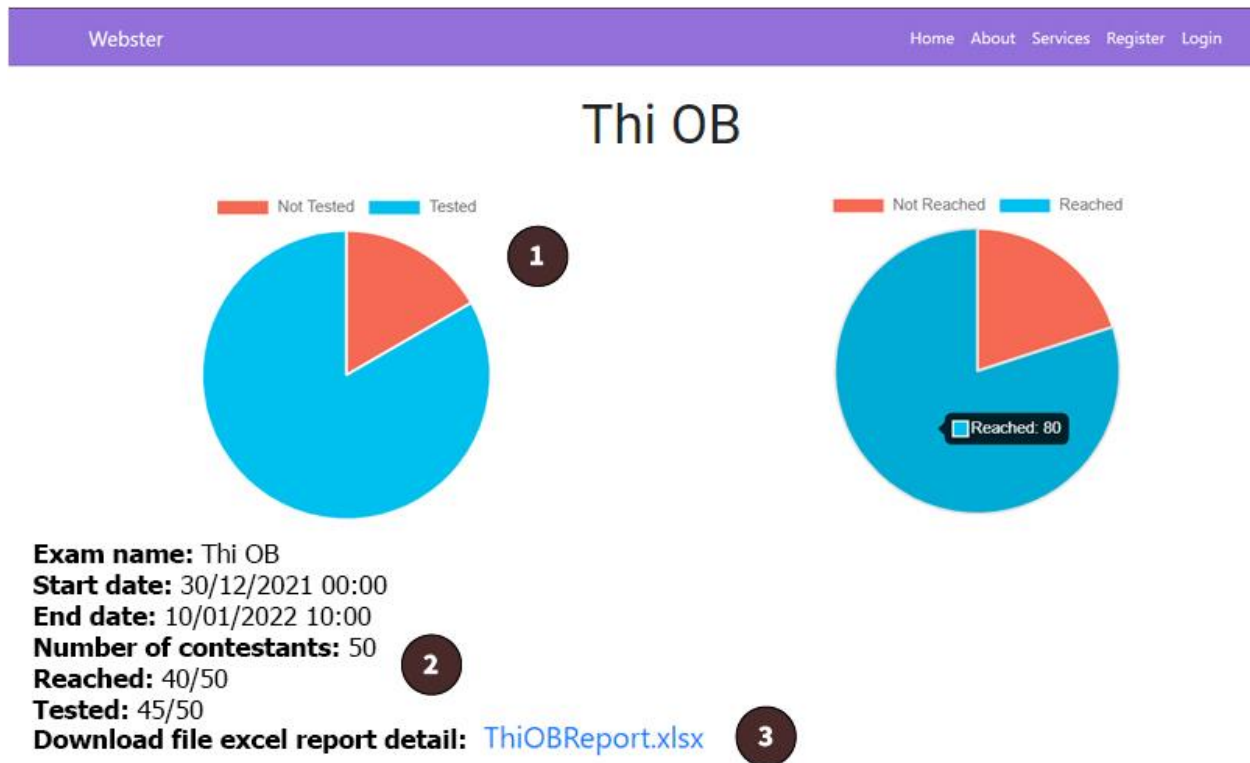


No.	Name	Type	Event	Description
1	Timer	Clock	Countdown	Amount of time for each part of test
2	Pagination	Button	Click	Press to view respective question
3	Question's title	Text	Display	Test's question
4	Answer button	Button	Click	Choosing
5	Next button	Button	Click	Press to go to next question

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
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Test result interface for candidate



#	Email	Name	Status	Action
1	j.thien1551@gmail.com	Le Nguyen Thanh Nhan	Tested	Detail
2	j.thien1553@gmail.com	Nguyen Ngoc Thien	Not Tested	Detail
3	j.thien1552@gmail.com	Pham Viet Vuong	Tested	Detail

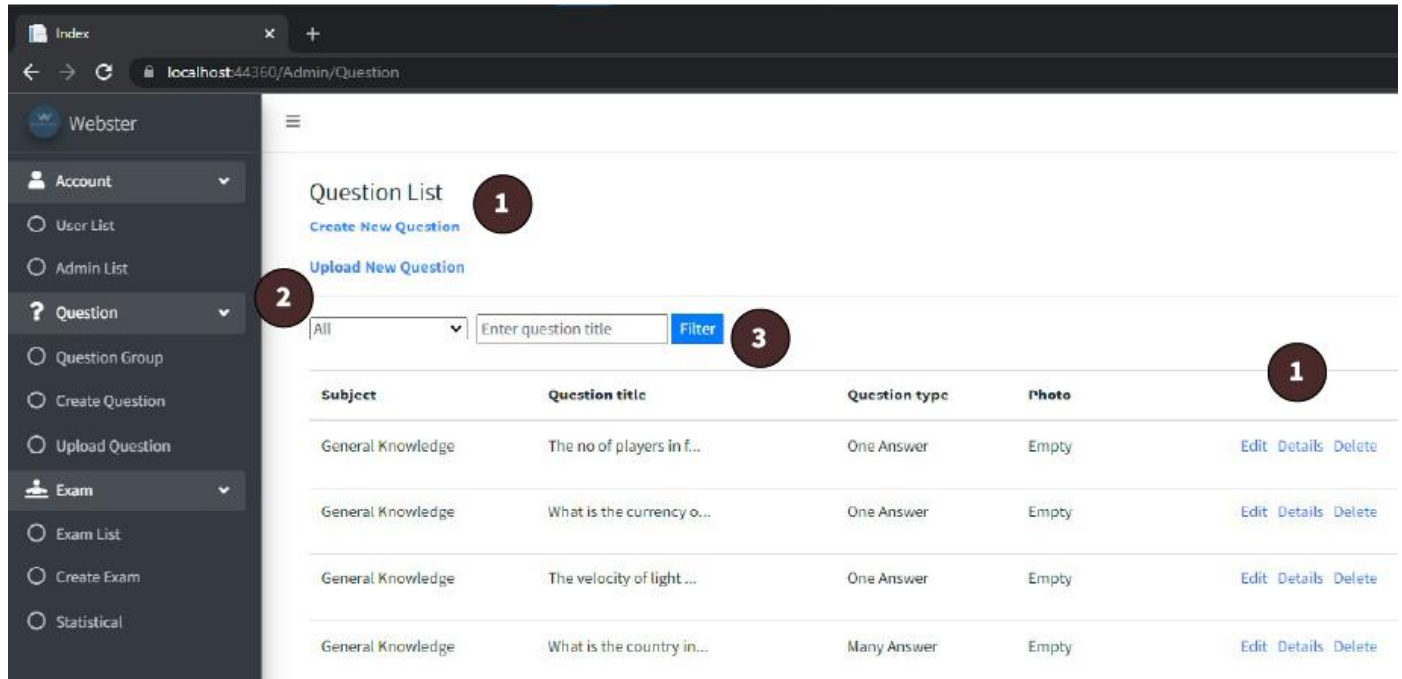
No.	Name	Type	Event	Description
1	Charts	Pie chart	Visual	Graphic visual of data
2	Details	Text	Display	Description of candidate's test result

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
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3.1 Admin Pages

Admin pages for handling Online Test Question, Exams and Users Accounts.

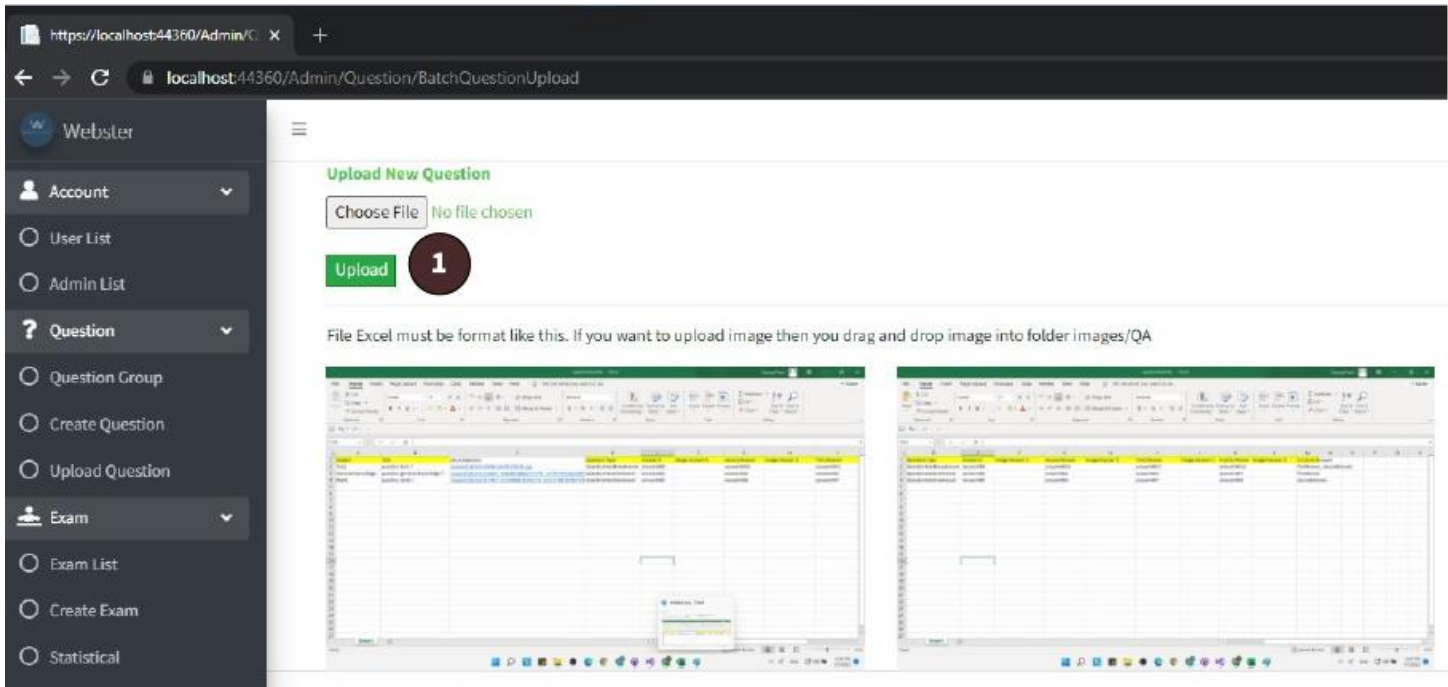


No.	Name	Type	Event	Description
1	Create / Edit / Details / Delete	Button	Click	Open relevant page for CRUD operation
2	Upload	Button	Click	Open page to upload file
3	Search / Filter	Text Box	Focus	Search for question's keyword

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

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Upload online test question as file.



No.	Name	Type	Event	Description
1	Upload	Button	Click	Click to choose file for upload.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
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Update test's question

No.	Name	Type	Event	Description
1	Textbox	Textbox	Input	Input text to update
2	Save	Button	Click	Click to update test's question

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

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Create exam

The screenshot shows a web application interface for creating an exam. On the left is a dark sidebar with a menu. The main content area is titled 'Create Exam'. It contains several form fields: 'ExamName' (a text input), 'PassPercent' (a text input), 'FirstCountdown', 'SecondCountdown', and 'ThirdCountdown' (each with a time picker icon), 'StartDate' and 'FinishTime' (each with a date picker icon), and 'ExamType' (a checkbox). At the bottom are a blue 'Create' button and a 'Back to List' link. Three red circles with numbers are used as annotations: circle 1 points to the 'PassPercent' field, circle 2 points to the 'ExamType' checkbox, and circle 3 points to the 'Create' button.

No.	Name	Type	Event	Description
1	Textbox	Textbox	Input	Input text to create exam
2	Checkbox	Checkbox	Click	Click to choose exam's type
3	Create	Button	Click	Click to create an exam

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: GUI / Prototype	SWD/Form No.12/GUI/Ver1.0
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Create Exam Set

No.	Name	Type	Event	Description
1	Select box	Select box	Click	Click to select question for exam set
2	Submit	Button	Click	Click to create an exam set

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	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: Check List	SWD/Form No.13/CL/Ver1.0
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Check List

TASK	ASSIGNED TO	PROGRESS	START	END	DAYS	Path
User Identity Management	Thiện	Complete	12-27-21	1-2-22	7	localhost:44360/Identity/Account/Manage
Admin generate user account		Complete	1-2-22	1-3-22	2	localhost:44360/Admin/Admin/Create
User Account Management		Complete	1-3-22	1-5-22	3	localhost:44360/Admin/Admin/UserList
Send mail (contact form & after account creation)		Complete	1-5-22	1-7-22	3	localhost:44360/
Admin CRUD operations & view		Complete	1-7-22	1-9-22	3	localhost:44360/Admin/Admin/AdminList ../Admin/Admin/CreateAdminAccount
CRUD operations for test questions	Vương	Complete	12-27-21	1-6-22	11	localhost:44360/Admin/Question localhost:44360/Admin/Question/Create localhost:44360/Admin/Question/Edit/1 localhost:44360/Admin/Question/Details/1
Upload questions with Excel		Complete	12-26-21	12-27-21	2	../Admin/Question/BatchQuestionUpload
Home page design		Complete	12-25-21	12-27-21	3	localhost:44360/
CRUD operations for exam period (Datetime, add candidate)	Tâm	Complete	12-27-21	1-6-22	11	localhost:44360/Admin/Exam localhost:44360/Admin/Exam/Edit/1 localhost:44360/Admin/Exam/UserList/1 localhost:44360/Admin/Exam/Details/1
Mailing candidate exam date & password		Complete	1-6-22	1-8-22	3	
Exam test functionalities: timer, exam room, password check, exam date time. Display test & record answer	Nhân	Complete	12-27-21	1-3-22	8	localhost:44360/Exam/ExamRoom localhost:44360/Exam/StartExam?type=1
Statistic & report		Complete	1-3-22	1-5-22	3	localhost:44360/Admin/Statistique/index ../Admin/Statistique/Detail?ExamId=1 ../Admin/Statistique/Report?ExamId=1
Check test question, pass student		Complete	1-5-22	1-7-22	3	localhost:44360/Admin/Statistique/Detailuser
Test result & mailing		Complete	1-7-22	1-9-22	3	localhost:44360/Exam/ExamResult
Test history page, exam list		Complete	1-9-22	1-11-22	3	localhost:44360/Exam/ExamList localhost:44360/Exam/ExamHistoryList

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		

Design Plan: Webster	Document Name: Task Sheet	SWD/Form No.8/TS/Ver1.0
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Task Sheet review 3

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr.No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Database Structure	Webster Online Aptitude	Thiện	03/01/2022	1	Nhân	Completed
2	GUI Design Front End			05/01/2022	2	All Member	Completed
3	GUI Design Back End			05/01/2022	2	All Member	Completed
4	Site map			01/01/2022	1	Thiện	Completed
5	Test plan / Test case			05/01/2022	2	Vương	Completed
6	Submission of checklist			05/01/2022	1	Thiện	Completed
7	Task sheet review			03/01/2022	1	Thiện	Completed

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	TRAN PHUOC SINH
Signature		
Date		