MONASH University

FIT5032 Learning Summary Report

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Self-Assessment Details

The following checklists provide an overview of my self-assessment for this unit.

	Pass	Credit	Distinction	High Distinction
Self-Assessment			√	

Self-assessment Statement

	Included
Learning Summary Report	√
Progress on Pass Tasks	√
ASP.NET C# applications that demonstrate coverage of core concepts	√

Minimum Pass Checklist

	Included
Progress on Credit Tasks	√
All Pass Tasks signed off in Doubtfire	√
Assignment Application meets Credit Requirements (or more)	√

Minimum Credit Checklist, in addition to Pass Checklist

	Included
Credit and Pass Tasks done, and Progress on Distinction Tasks.	√
Assignment Application meets Distinction Requirements	√
Design report meets Distinction Requirements	√

Minimum Distinction Checklist, in addition to Credit Checklist

	Included
Distinction Tasks Done, and Progress on High Distinction Tasks.	
Assignment Application meets High Distinction Requirements	
Design report meets High Distinction Requirements	
Research report meets High Distinction Requirements	

Minimum High Distinction Checklist, in addition to Distinction Checklist

Declaration

I declare that this learning summary and the linked portfolio of work is my individual work. I have not copied from any other student's work or from any other source except where due acknowledgment is made explicitly in the text, nor has any part of this submission been written for me by another person.

Signature:____Jie Ren_____

Introduction

This report summarizes what I learnt in FIT5032 Internet Applications Development. It includes a self-assessment against the criteria described in the unit outline, a justification of the pieces included, details of the coverage of the unit's learning outcomes, and a reflection on my learning.

Overview of Pieces Included

1. Task 1.1 HTML Helloworld(create a Helloworld html file using a text editor)

2. Task 1.2 ASPX Helloworld(create a Helloworld aspx file using the visual studio IDE and then run it in Visual Studio)

3. Task 1.3 HTML Forms(create a html form and the run it on a web server)

4. Task 2.1 Intro ASP.NET server Controls(create an ASPX page with a form and server side label and button controls)

5. Task 2.2 ASP.NET Label and Button Controls(create an ASPX page with a form and server side label and button controls that react to events from the user)

6. Task 2.3 More ASP.NET Server Controls (create an ASPX page with a form and server side label, panel and button controls with style sheet (css) formatting. In addition, add a Calendar control, checkbox and radiobuttonlist controls)

7. Task 3 Introduction to ASP.Net MVC (create a simple MVC application in Visual Studio. You will run the MVC application on a web serve)

8. Task 4 Extended ASP.Net MVC(create an extended MVC application in Visual Studio that uses a database)

9. Task 5 Adding JQuery to ASP.Net MVC(add jQuery to an MVC application in Visual Studio that uses a database with 2 tables)

10. Task 5.3 Credit Code File

11. Task 6.1 Sending Emails(create a MVC web page that can send emails from a web form)

12. Task 6.2 Uploading Files(create a website that can upload images of users to a webserver and show the image on the web page)

13. Task 7 AngularJS CRUD Application(create an AngularJS CRUD application in an MVC application in Visual Studio that uses a database)

14. Task 8.3 Distinction Code File

Coverage of the Learning Outcomes

This section outlines how the pieces I have included demonstrate the depth of my understanding in relation to each of the unit's learning outcomes.

LO 1: demonstrate the impact of the history of web applications development on current web-technology;

The following pieces demonstrate my ability in relation to this LO:
- Task 1.1 HTML Helloworld
  To become familiar with the basic operation of creating an html web page and running the file in Visual Studio.
- Task 1.2 ASPX Helloworld
  To become familiar with the basic operation of creating an ASP page and running the file locally on the Visual Studio built in web server.

LO 2: design, construct and publish web-database applications;

The following pieces demonstrate my ability in relation to this LO:

- Task 1.3 HTML Forms
  To review the base format of HTML for and its operation on a web server. To understand that without a form action (that is correctly configured) the form does not do anything. No information can be submitted and processed.
- Task 2.1 Intro ASP.NET server Controls
  To introduce you to some basic ASP Forms and server side controls, such as Labels and Buttons. At this stage the Buttons are not linked to any actions and so no action is performed.
- Task 2.2 ASP.NET Label and Button Controls
  Programmatically changing ASP control parameters.

LO 3: analyse and critique the key technological issues confronting developers building web-database applications;

The following pieces demonstrate my ability in relation to this LO:

- Task 2.3 More ASP.NET Server Controls

LO 4: test the key features of programming languages which are commonly used for developing web-database application;

The following pieces demonstrate my ability in relation to this LO:

- Task 1.3 HTML Forms
  To review the base format of HTML for and its operation on a web server. To understand that without a form action (that is correctly configured) the form does not do anything. No information can be submitted and processed.
- Task 2.1 Intro ASP.NET server Controls
  To introduce you to some basic ASP Forms and server side controls, such as Labels and Buttons. At this stage the Buttons are not linked to any actions and so no action is performed.
- Task 2.2 ASP.NET Label and Button Controls
  Programmatically changing ASP control parameters.
- Task 2.3 More ASP.NET Server Controls

LO 5: assess the MVC design pattern and construct a web-database application using the MVC design pattern;

The following pieces demonstrate my ability in relation to this LO:

- Task 3 Introduction to ASP.Net MVC
  To introduce to ASP.Net MVC.
- Task 4 Extended ASP.Net MVC
  To introduce to more advanced features of ASP.Net MVC.

LO 6: apply, analyse and critique a professional approach towards the development of web-database applications.

The following pieces demonstrate my ability in relation to this LO:

- Task 5 Adding JQuery to ASP.Net MVC
  To introduce to jQuery customization of ASP.Net MVC Applications
- Task 6.1 Sending Emails
  ASP.Net C# functions for sending emails.
- Task 6.2 Uploading Files
  ASP.Net C# functions for uploading files.
- Task 7 AngularJS CRUD Application
  AngularJS versions of ASP.Net MVC Applications.
- Task 5.3 Credit Code File
- Task 8.3 Distinction Code File

Reflection

The most important things I learnt:

How to implement a web application based on Asp.Net MVC form by myself.
Find and solve the bugs during implementation.

The things that helped me most were:

The sample solution published by tutors and tutorial in some weeks.

I found the following topics particularly challenging:

Validation and AnguarJS

I found the following topics particularly interesting:

JQery-UI

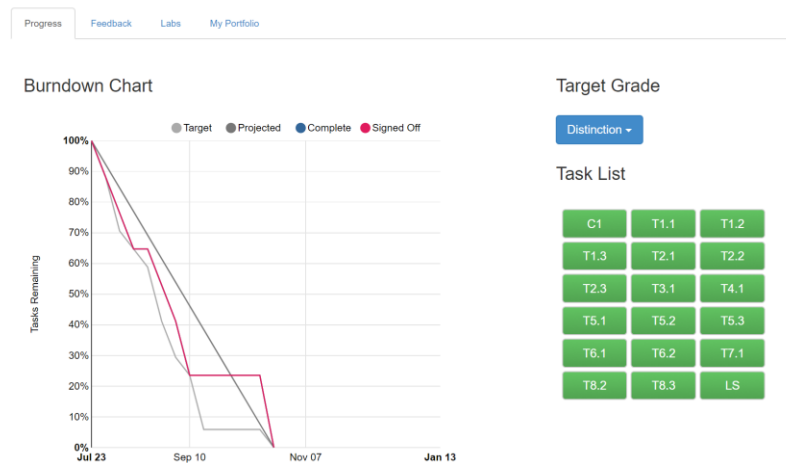## I feel I learnt these topics, concepts, and/or tools really well:

JQery-UI, File System

I still need to work on the following areas:

Sending Email, Validation and AnguarJS

My progress in this unit was …:

My progress in this unit was finished all the Distinction level tasks. The screenshot is as follows.

This unit will help me in the future:

Build a web application based on MVC form

If I did this unit again I would do the following things differently:

Find more solutions by asking the expert in this field.
Some solutions on the Internet seems not very well…

Other…:

None