Student Financial Support

Project Report

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IT7x11 Advanced Internet Application Development

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Date Submitted: June 2015

# 1.0 Executive Summary

This report gives an overview summary of all changes that have been applied to the Student Financial Support system. Overall the completed product is developed using WebForms and has accomplished most of the required requirements. There were also some requirements which were not able to be completed. The following sections of this report lists the completed requirements, incomplete requirements, and extra features implemented in more detail.

# 2.0 Requirements Completed

The following list states all requirements that have been successfully incorporated into this project:

* Adding/Editing/Deleting students.
* Adding/Deleting student grants.
* Viewing student grants.
* Adding/Editing/Deleting course names that were available.
* Adding/Editing/Deleting grant types that were available.
* Adding new administrators.
* Updating passwords.
* Searching for students.
* Viewing the list of all students within the database.
* Viewing individual profiles of each student which shows their full details.
* User login/logout feature.
* Password retrieval feature through email.
* Generating reports based on different criteria such as week, month, year, campus, faculty, age, gender, and ethnicity.

# 3.0 Outstanding Requirements

The following list states all requirements which were not able to be completed due to time constraints within this project:

* ‘Weekly Summary’ reports was only completed to a certain point where not all of its required requirements were implemented.
* Generating annual and monthly summaries.
* Unit testing.

# 4.0 Extra Features Implemented

The following list states all extra features which were implemented into this project:

* Implementing Bootstrap v3.3.0 Framework for the front-end design of the website.
* Adopting the Entity Framework Database First approach.
* Using LINQ to write queries to the database.
* Using jQuery for certain areas and animations within the website.
* Using AJAX for calendar extensions which prompted pop-up calendars on-click.
* Using AJAX to indicate password strengths.
* Using AJAX for generating an automatic dropdown list which automatically suggests the results you are searching for. This feature was implemented on the Search Student Page. The following image shows this feature in action:

