Joseph Dao, Jonathan Fernandez, Phan Nguyen, Daniel Owen, Yousuf Rehman

Professor Chang

CS 3420

30 April 2017

Team Model

Our team is organized as a classical chief programmer team. I, Joseph Dao, am the chief programmer, and the programmers are Jonathan Fernandez, Phan Nguyen, and Yousuf Rehman.

Individual Responsibilities

Daniel Owen (Note: Daniel left UHD near the end of the semester.)

* Create an initial use case diagram
* Update the use case diagram with a Manage Course Information use case
* Create detailed class diagram

Joseph Dao

* Create a list of possible attributes to build the uses cases around
* Create a list of potential use cases
* Revise the initial use case diagram to follow UML notation
* Revise the first update of the use case diagram to incorporate Professor Chang’s criticisms
* Create the entity-relationship diagram
* Create and maintain the team model and descriptions
* Revise overall class diagram for the student
* Create overall class diagram for the instructor and administrator
* Maintain overall class diagrams for the student, instructor, and administrator
* Create and maintain statechart
* Maintain detailed class diagram
* Create test cases for black-box unit testing
* Create and maintain the graphical user interface

Phan Nguyen

* Create and maintain architecture diagram for the database front-end and back-end
* Revise team diagram
* Execute test cases with MyTAP system

Jonathan Fernandez

* Create initial overall class diagram for the student
* Maintain the entity-relationship diagram
* Create and maintain the database system

Yousuf Rehman

* Maintain the use case diagram