

UTut: University Tutor Analysis Model

Submitted to:

Asst. Prof. Ma. Rowena C. Solamo
Faculty Member
Department of Computer Science
College of Engineering
University of the Philippines, Diliman

Submitted by:

Mendoza, John Dominic F.
Segismundo, Julio Ismael C.

In partial fulfillment of Academic Requirements
for the course
CS 191 Software Engineering I
of the
1st Semester, AY 2017-2018

Revision Control

History Revision:

Revision Date	Person Responsible	Version Number	Modification
10/26/2017	John Dominic Mendoza	1.0	Initial Document;
10/27/2017	Julio Ismael Segismundo	1.1	Added Purpose and Class Diagram

Purpose:

The purpose of this document is to show the class diagrams of the different controllers, boundaries, and entities of the UTut Base System.

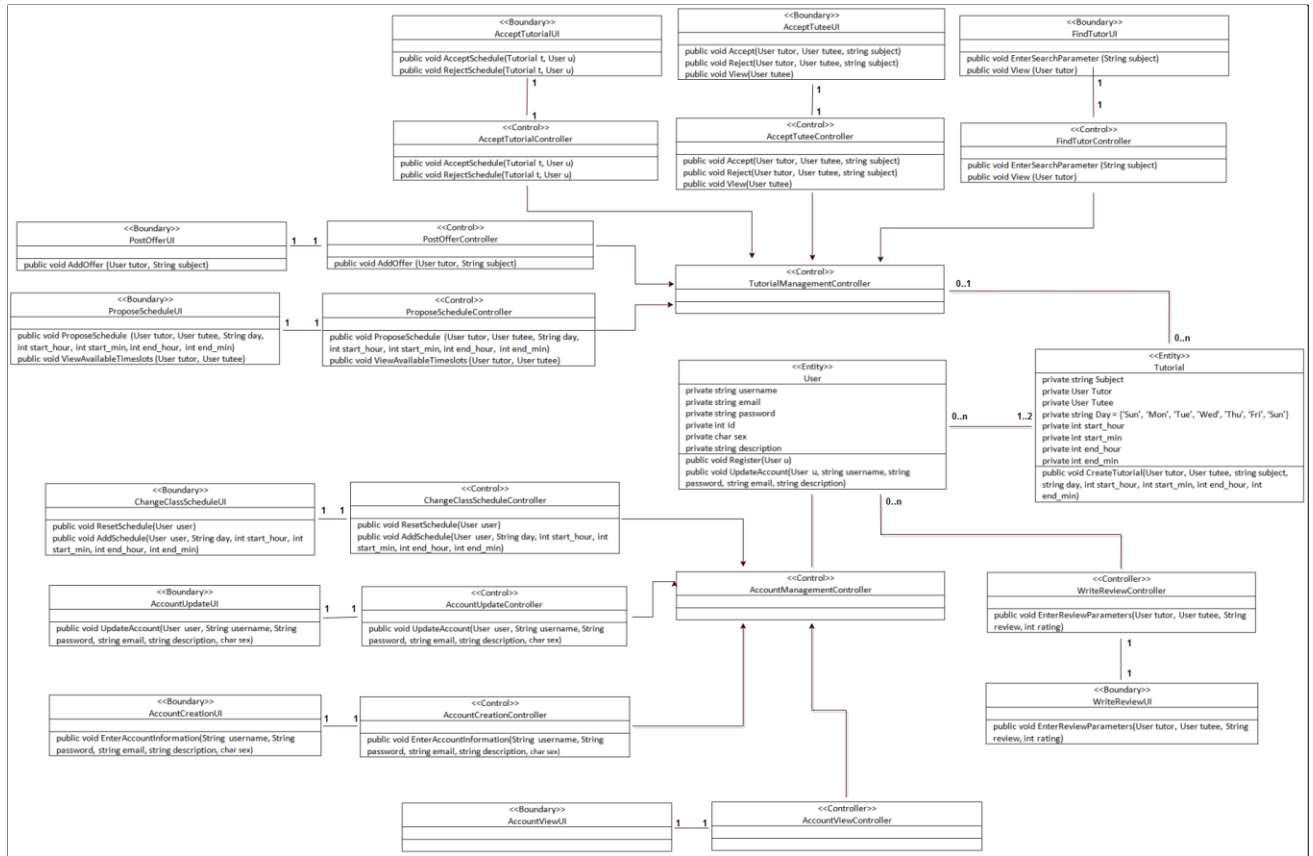
Audience:

University of the Philippines Diliman students.

System Name: UTut Base System

Description: The system encompasses all the core functionalities of the project. Functionalities such as the tutor finding and tutorial acceptance. It is also responsible for the management of the project functionalities.

Class Diagram:



High resolution: https://raw.githubusercontent.com/JD-Kurotoshigami/UTut/master/02-Requirements%20Engineering/analysis_classes.png

Boundary Classes:

Class Name	Description
AcceptTuteeUI	The UI for accepting or rejecting a tutee request
AcceptTutorialUI	The UI for accepting or rejecting a tutorial schedule
AccountCreationUI	The UI for account creation
AccountUpdateUI	The UI for updating account details
AccountViewUI	The UI when viewing a user account
ChangeClassScheduleUI	The UI for changing the user's class schedule
FindTutorUI	The UI for searching for a tutor for a subject
PostOfferUI	The UI for offering a tutorial for a subject
ProposeScheduleUI	The UI for proposing a tutorial schedule
WriteReviewUI	The UI for writing a review regarding a tutor

Control Classes:

Class Name	Description
AccountManagementController	Manages the controllers relating to account management
TutorialManagementController	Manages the controllers relating to tutorial handling processes
WriteReviewController	The controller for writing reviews
AcceptTuteeController	The controller for acceptance or rejection of tutees
AcceptTutorialController	The controller for acceptance or rejection of a tutorial schedule
FindTutorController	The controller responsible for the searching of tutors
PostOfferController	The controller responsible for uploading a tutor's tutorial offer
ProposeScheduleController	The controller for proposing a tutorial schedule
AccountCreationController	The controller responsible for the creation of a new account
AccountUpdateController	The controller responsible for modifications to account details
AccountViewController	Shows a view of a user
ChangeClassScheduleController	The controller for updating a user's class schedule

Entity Classes:

Class Name	Description
User	An individual's account information.
Tutorial	A single tutorial session, containing the information on the expected subject matter, starting and ending times and the tutor and tutee involved.