

Requirements Analysis Document

FindMeTutor

August 9, 2016

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1 Introduction

1.1 Purpose of this system

The purpose of this system is to provide a safe environment to link students to tutors in the prospect of tutors providing students with academic help.

2 Overview

2.1 Functional requirements

Requirement	Functional Requirement	Use Case
RQ1.1	The system shall allow a student to register	UC-CS
RQ1.2	The system shall allow a student to update their account	UC-US
RQ1.3	The system shall allow a student to view their account details	UC-VS
RQ1.4	The system shall allow a student to mark their account as deleted	UC-DS
RQ2.1	The system shall allow a tutor to register	UC-CT
RQ2.2	The system shall allow a tutor to update their account	UC-UT
RQ2.3	The system shall allow a tutor to view their account details	UC-VT
RQ2.4	The system shall allow a tutor to mark their account as deleted	UC-DT
RQ3.1	The system shall allow an administrator to update a student account	UC-US
RQ3.2	The system shall allow an administrator to view a student account details	UC-VS
RQ3.3	The system shall allow an administrator to mark a student as deleted	UC-DS
RQ3.4	The system shall allow an administrator to update a tutor account	UC-UT
RQ3.5	The system shall allow an administrator to view a tutor account details	UC-VT
RQ3.6	The system shall allow an administrator to mark a tutor account as deleted	UC-DT

3 System Models

3.1 Use cases

Create Student UC-CS

Update Student UC-US

View Student UC-VS

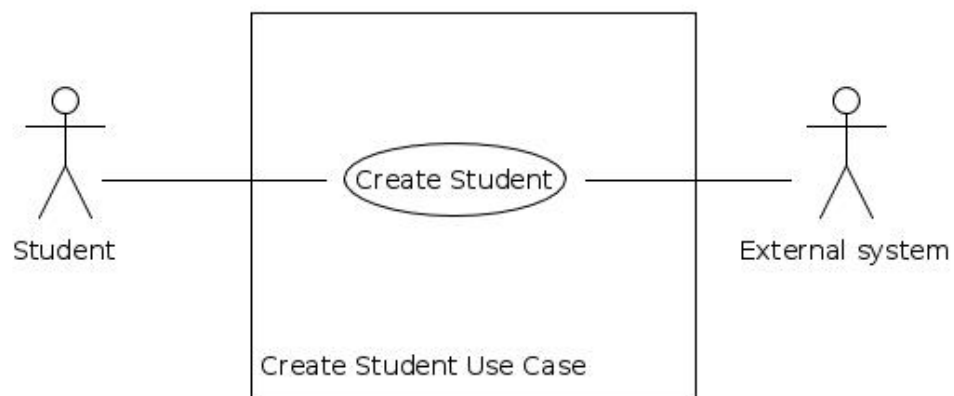
Archive Student UC-DS

Create Tutor UC-CT
 Update Tutor UC-UT
 View Tutor UC-VT
 Archive Tutor UC-DT

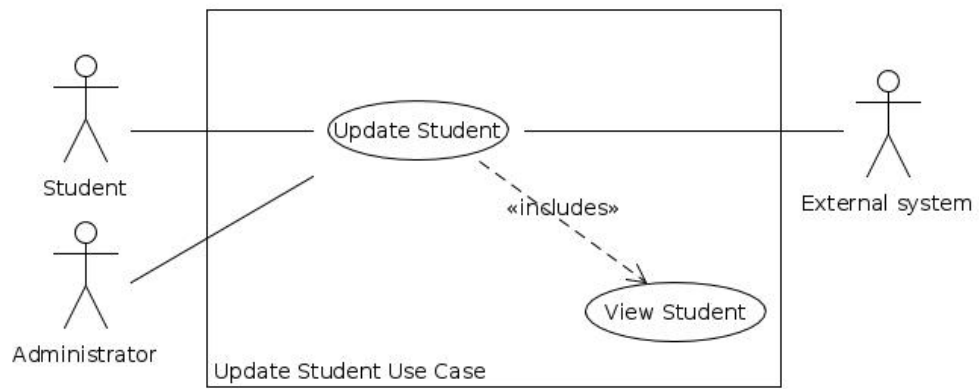
3.2 Use case models

Use Case UC-CS: Create Student	
Related Requirements:	RQ1.1
Initiating actor:	Student
Actor goal:	To register on FindMeTutor
Participating Actors:	External Database System
Preconditions:	N/A
Postconditions:	Student is created
Flow of activities:	
1. Student indicates sign up 2. Student enters demographic data, faculty registration details and security answer 4. System sends demographic data, faculty registration details and security answer to external database system 5. Student is created	

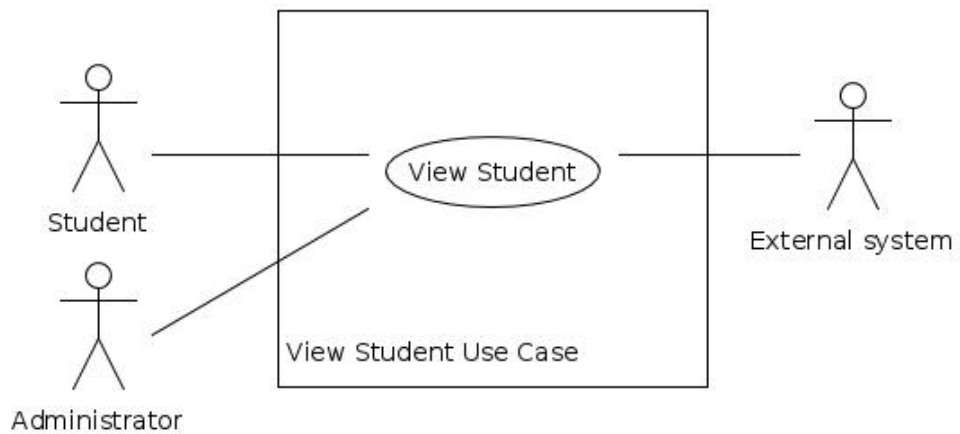
3.3 Use case Diagrams



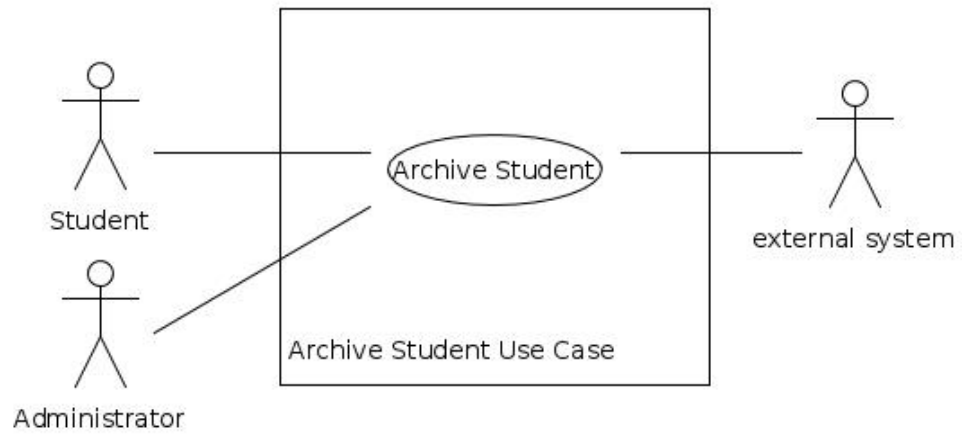
Use case diagram: Update Student



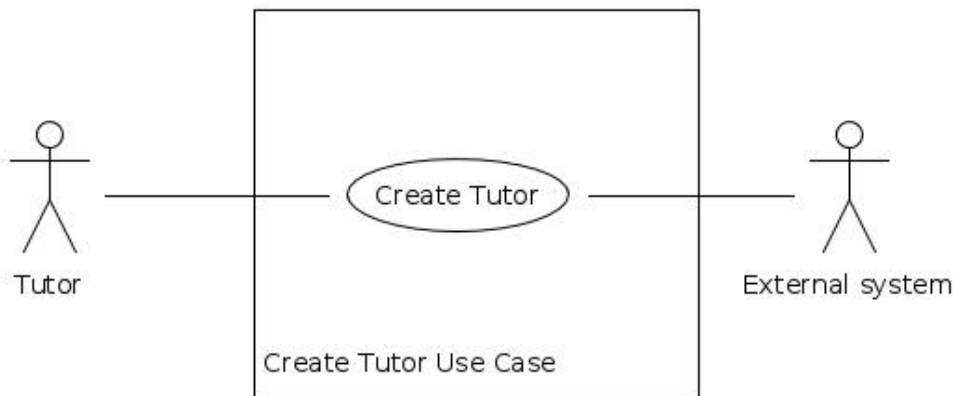
Use case diagram: Update Student



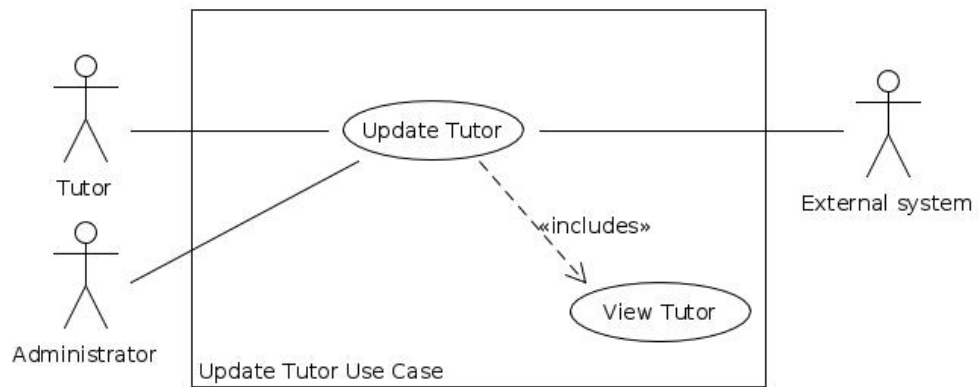
Use case diagram: Update Student



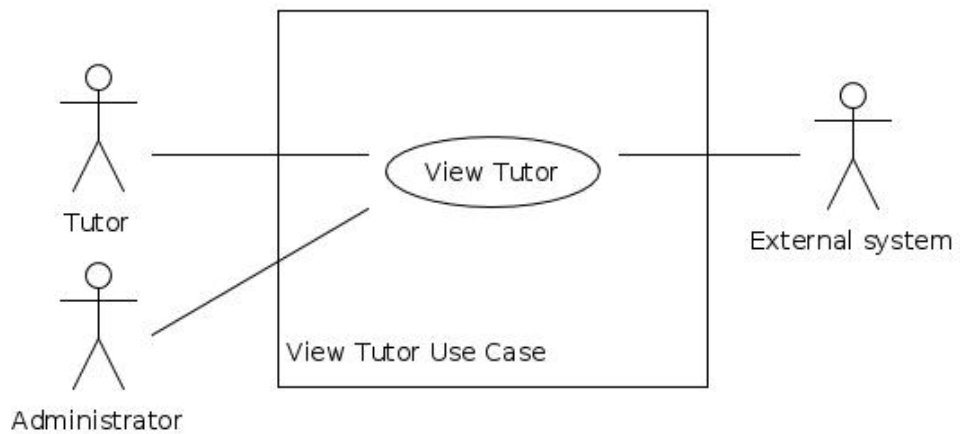
Use case diagram: Update Student



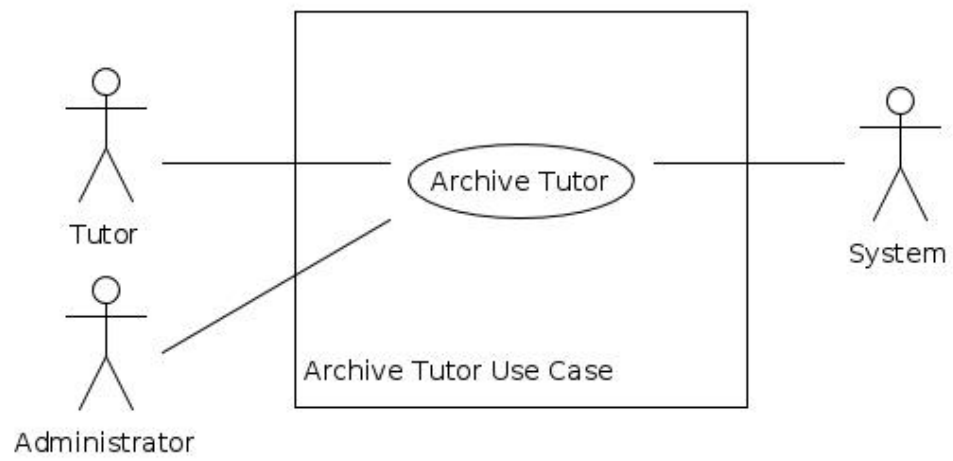
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