**SOFTWARE DESIGN DOCUMENT**

**for**

**E-SYLLABUS**



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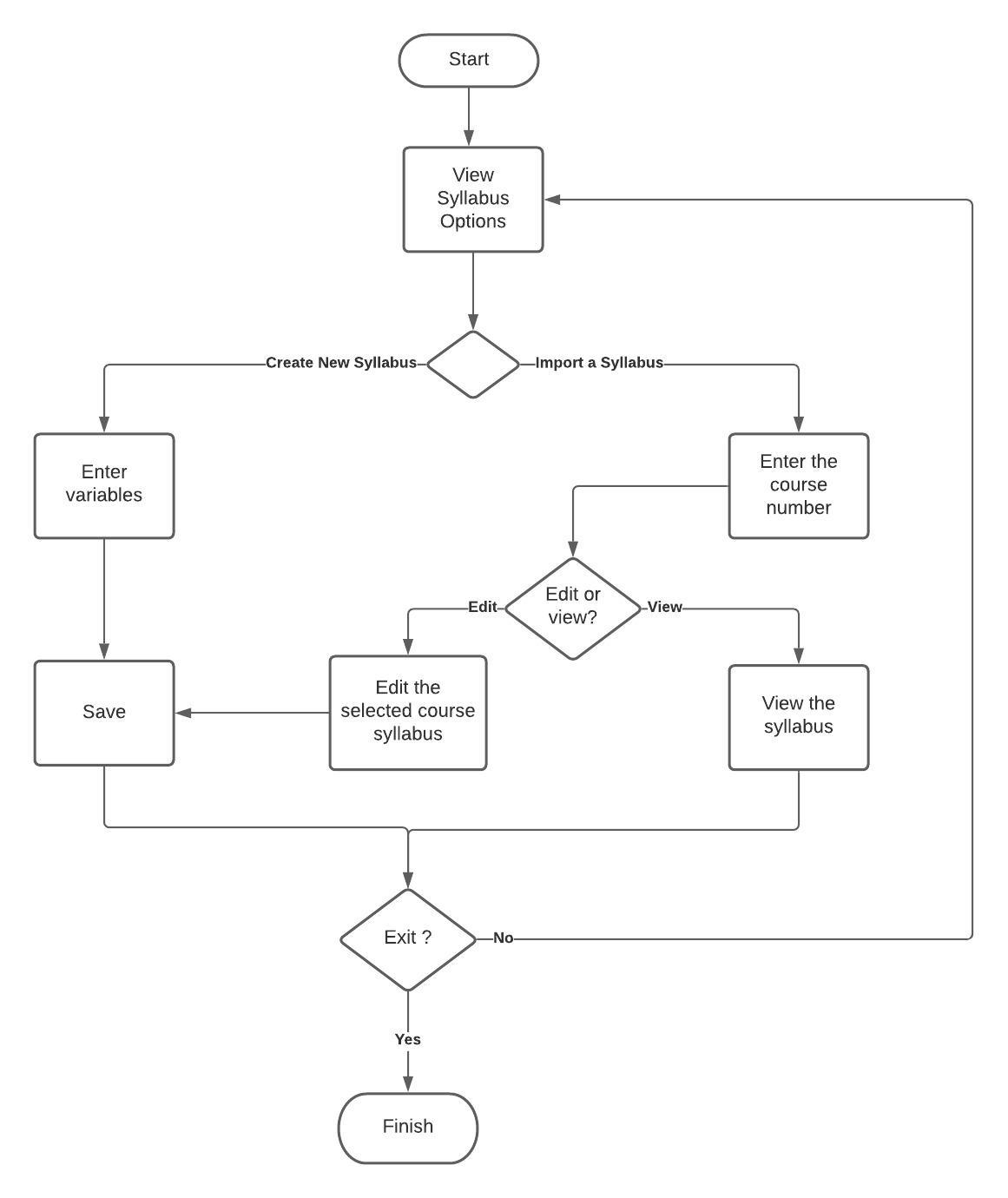
**1.INTRODUCTION**

* 1. **PURPOSE:**

This Software Design Document (SDD) describes the detailed structure of the components of the e-syllabus. This includes the architectural features of the system down through details of what operations each code module will perform and the database layout.

* 1. **SCOPE:**

Our program is a computer application which helps lecturers to create, export, import and edit syllabus with both English and Turkish language support. The program based on a relational database with school web site and application. The data which given by user held in a database for every use of that data.

 **2.SYSTEM OVERVIEW**

**2.1 FLOWCHART:**

Figure 1:Flowchart

**3.DESIGN VIEWPOINTS**

**3.1.Context Viewpoint**

There is only one kind of user in our system. The system supplies four services to them,

namely view, import, export and edit syllabus.

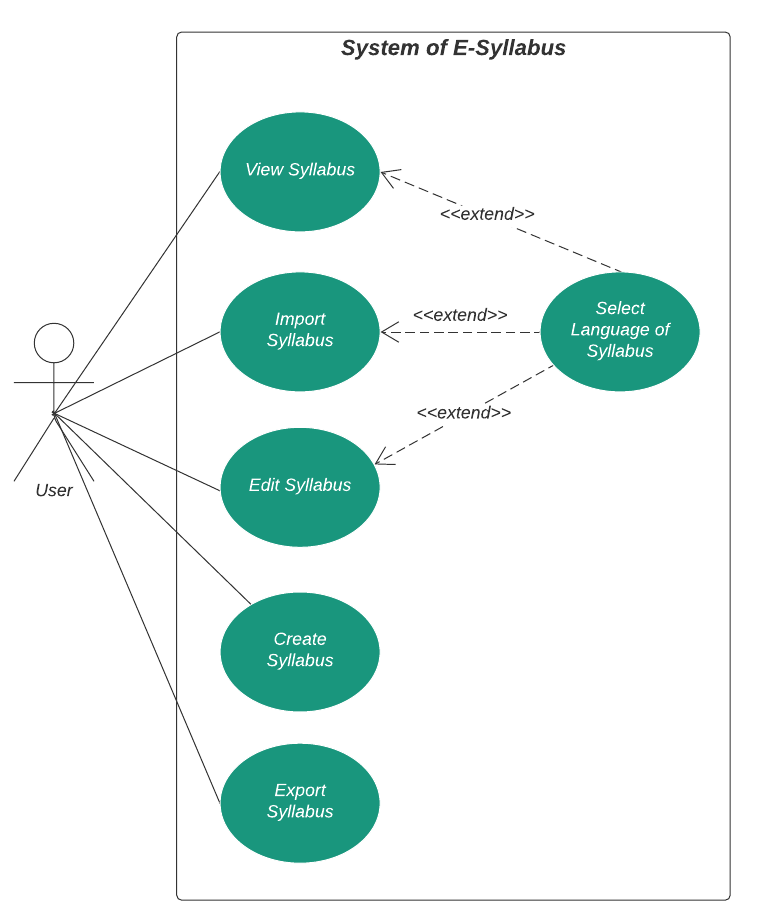


Figure 2: Use Case Diagram

**3.1.1. View Syllabus**

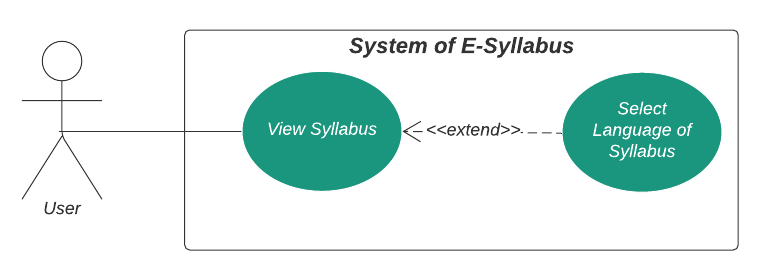
The user can view the curriculum of the course they want by selecting their language.

Figure 3: View Syllabus Use Case

**3.1.2. Import Syllabus**

The users can import the curriculum of the course them wants to the application by choosing language.

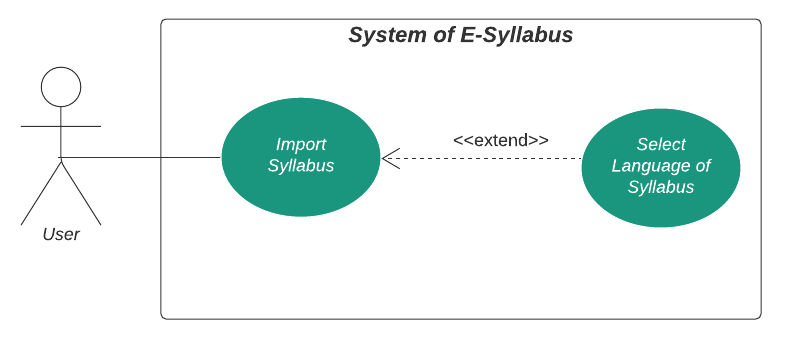
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Figure 4: Import Syllabus Use Case

**3.1.3.Edit Syllabus**

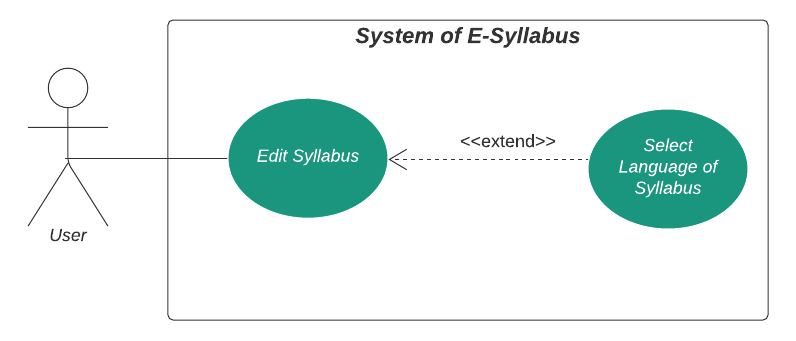
Users can make changes in the curriculum table on the course they transfer by choosing the language.

Figure 5: Edit Syllabus Use Case

**3.1.4.Create Syllabus**

Users can create a new syllabus from scratch.

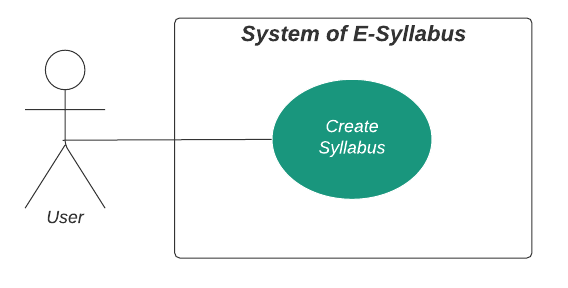


Figure 6: Create Syllabus Use Case

**3.1.5.Export Syllabus**

Users can export syllabus created from scratch or edited.

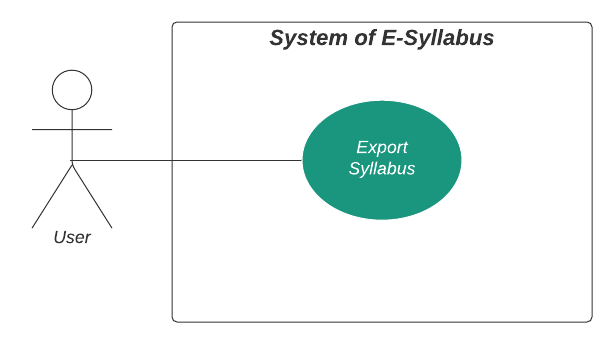


Figure 7: Export Syllabus Use Case

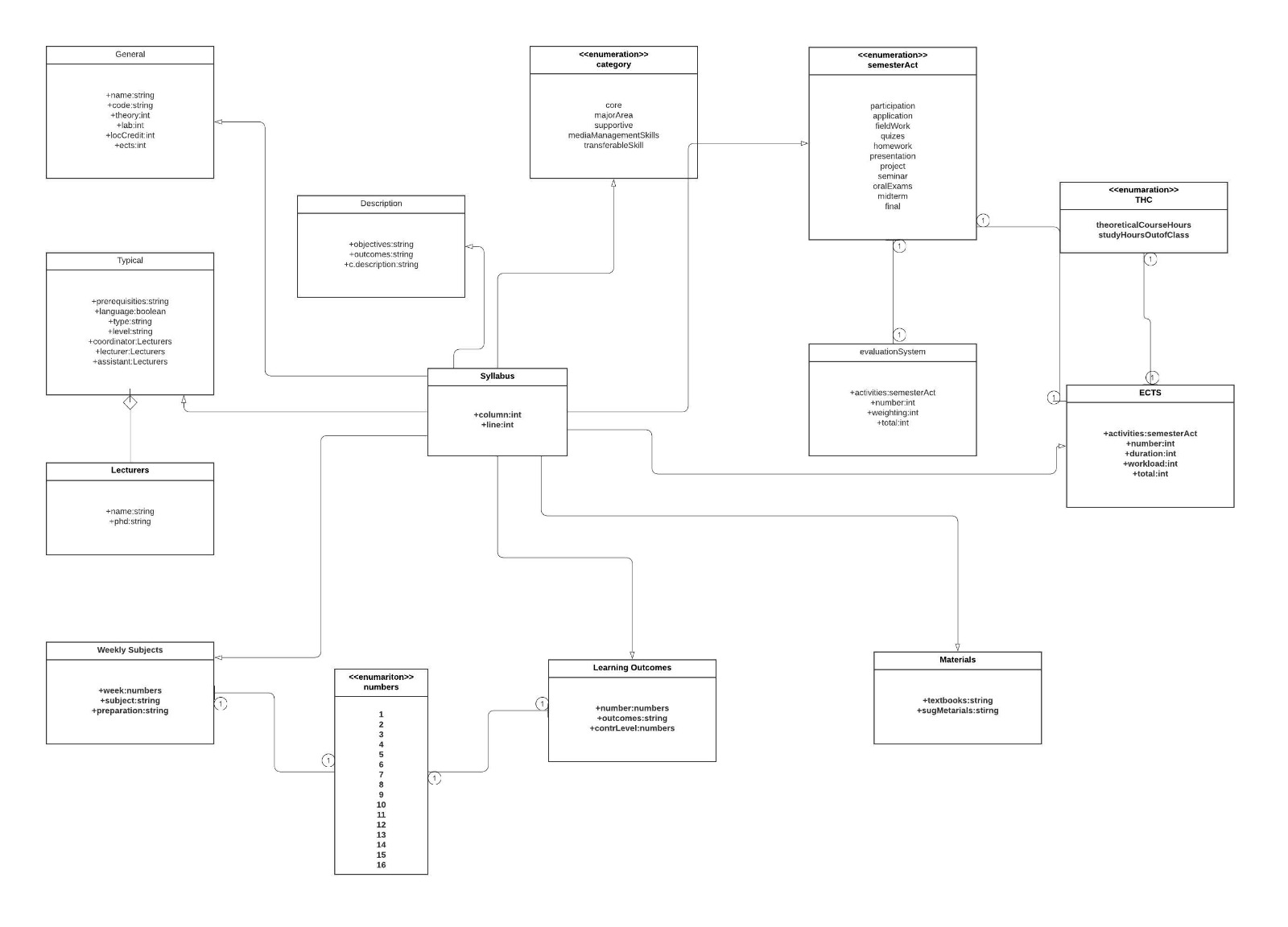
**3.2.Logical Viewpoint**

Figure 8:Class Diagram

**3.3.Interface ViewPoint**

**3.3.1.User Interface**

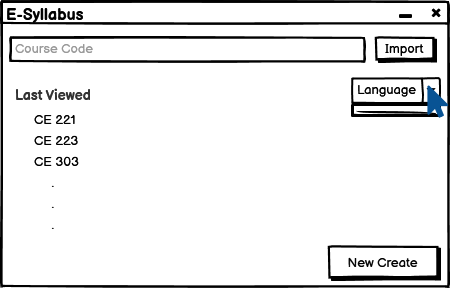
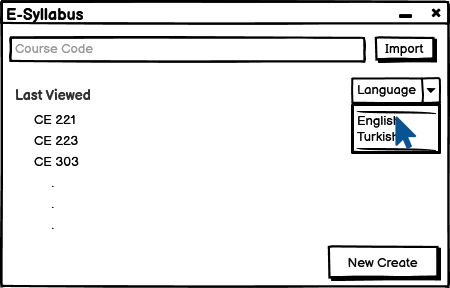
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Figure 10: Language Choosing

Figure 9: Login page

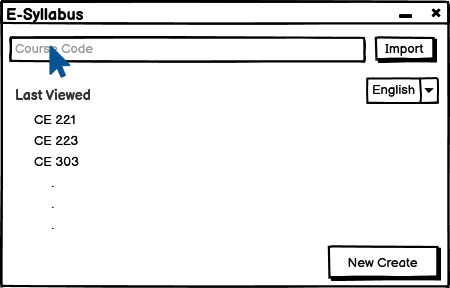
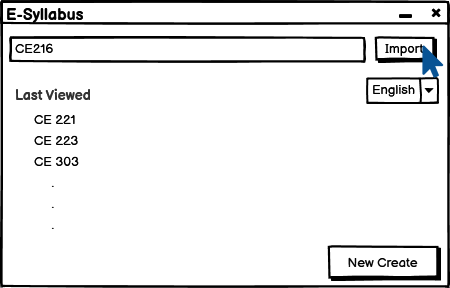
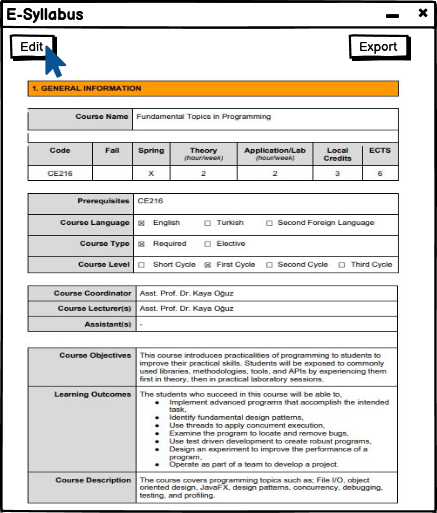
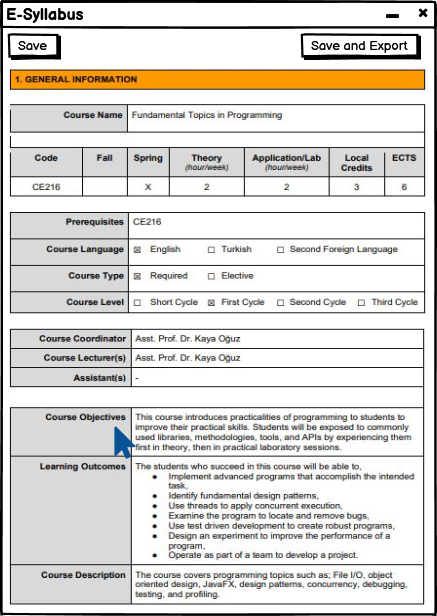
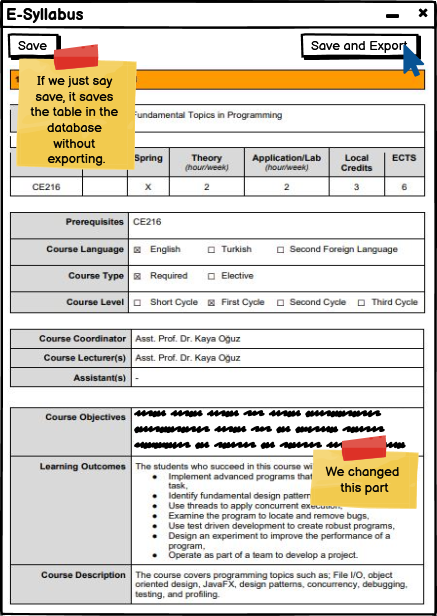
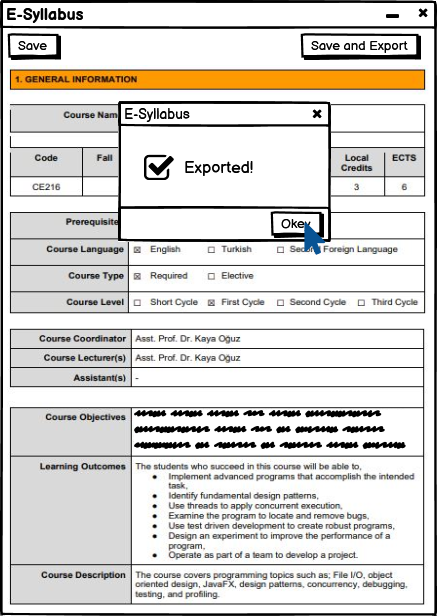
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Figure 14: Editing Course Objectives

Figure 13: Editing syllabus

Figure 12: Importing syllabus

Figure 11: Entering the course code

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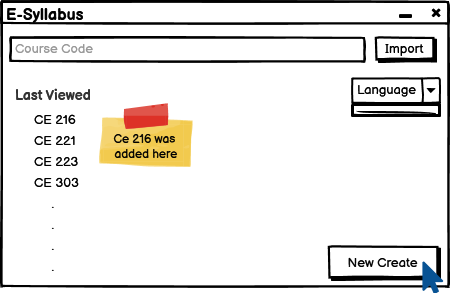
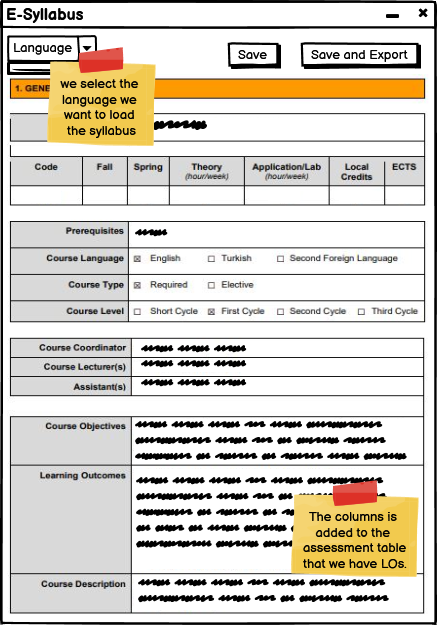
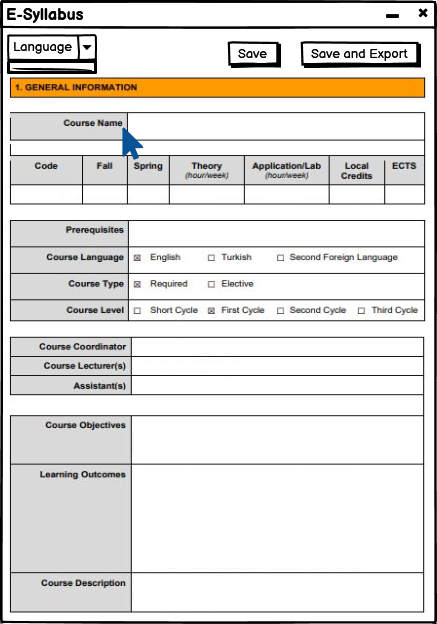
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Figure 19: After filling in the blank sections, choosing a language and save or export.

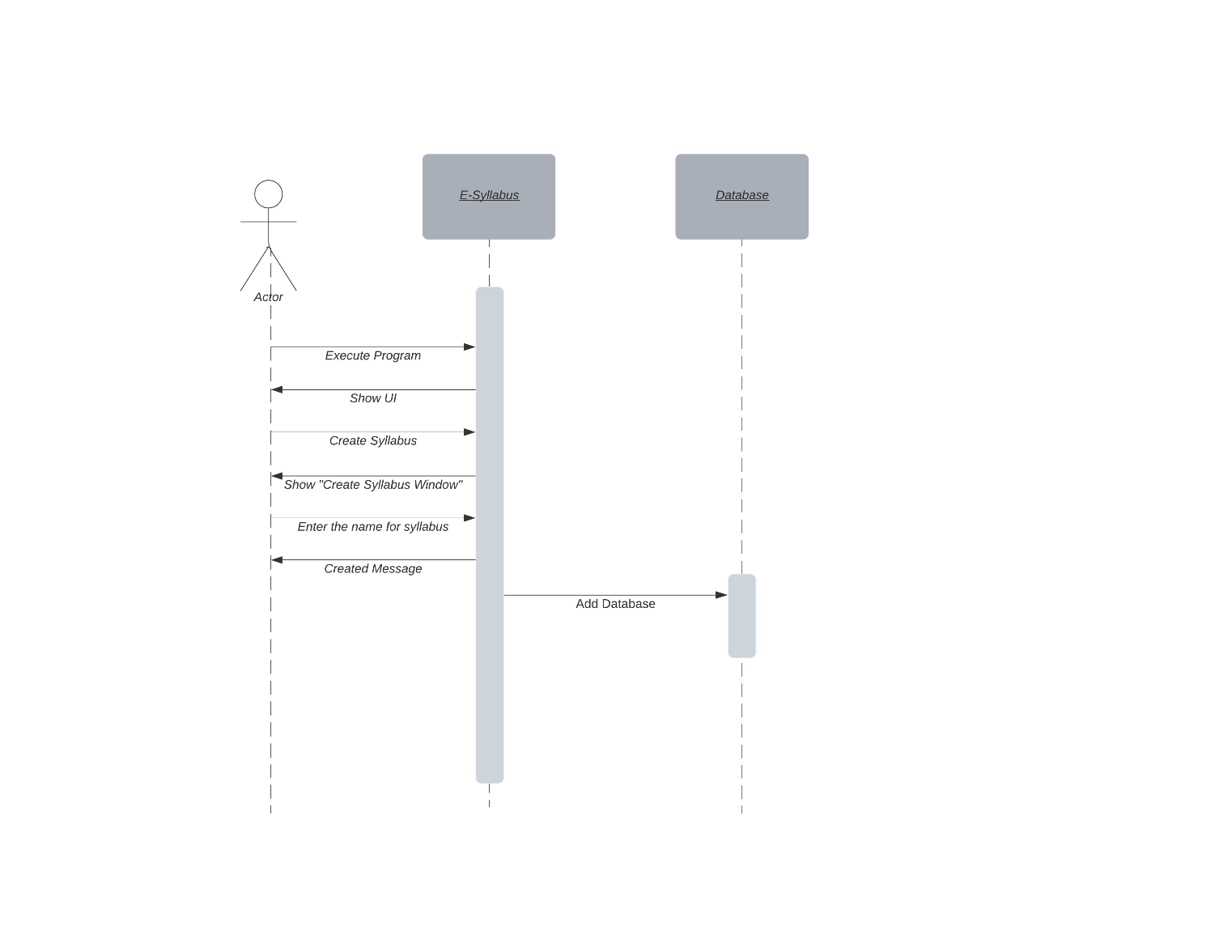
Figure 18: Filling empty sections

Figure 17: Creating new syllabus

Figure 15: Exporting Syllabus

Figure 16: Confirmation window

**3.4.Interaction Viewpoints**

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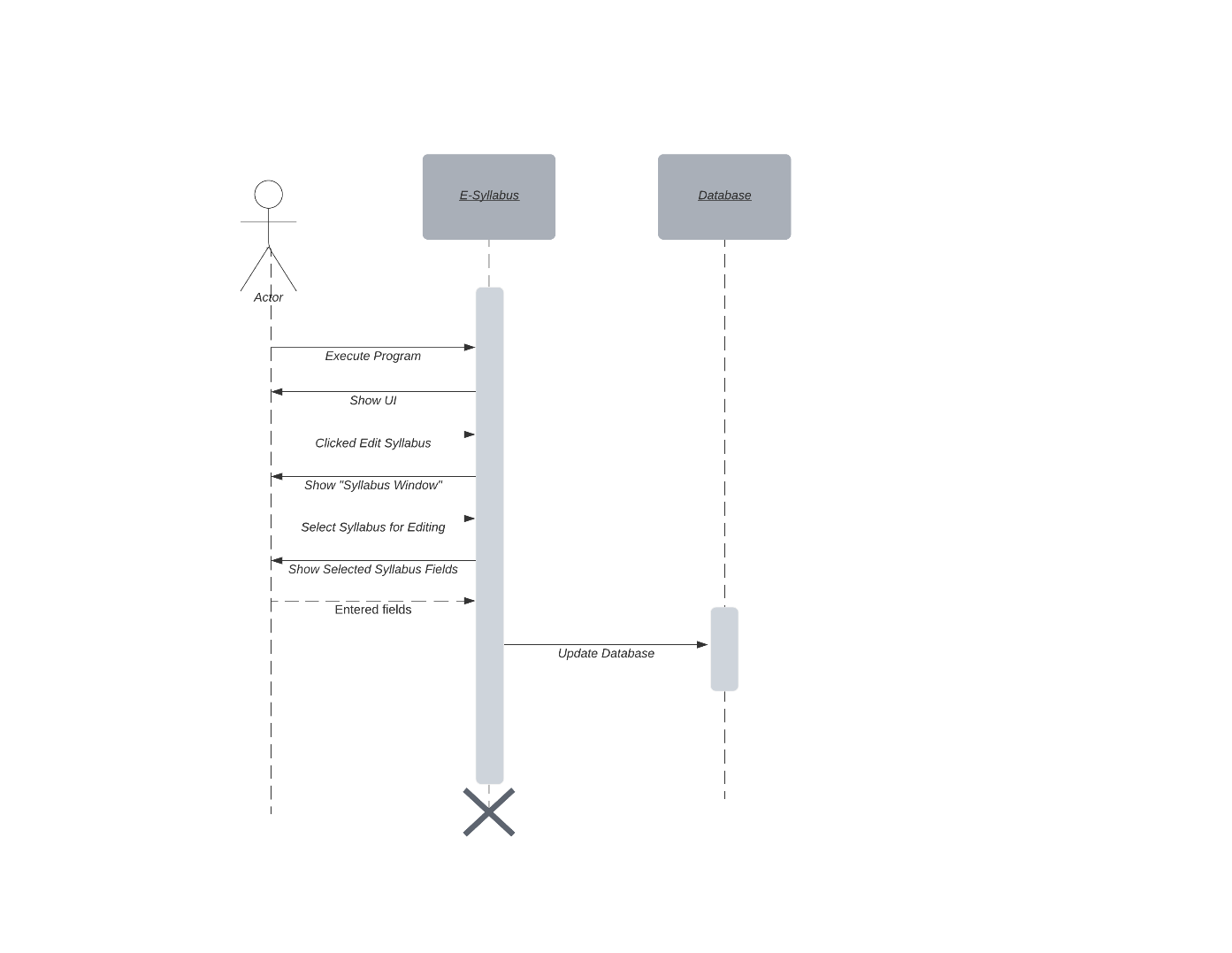
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Figure 21: Edit Sequence Diagram

Figure 20: Create Sequence Diagram

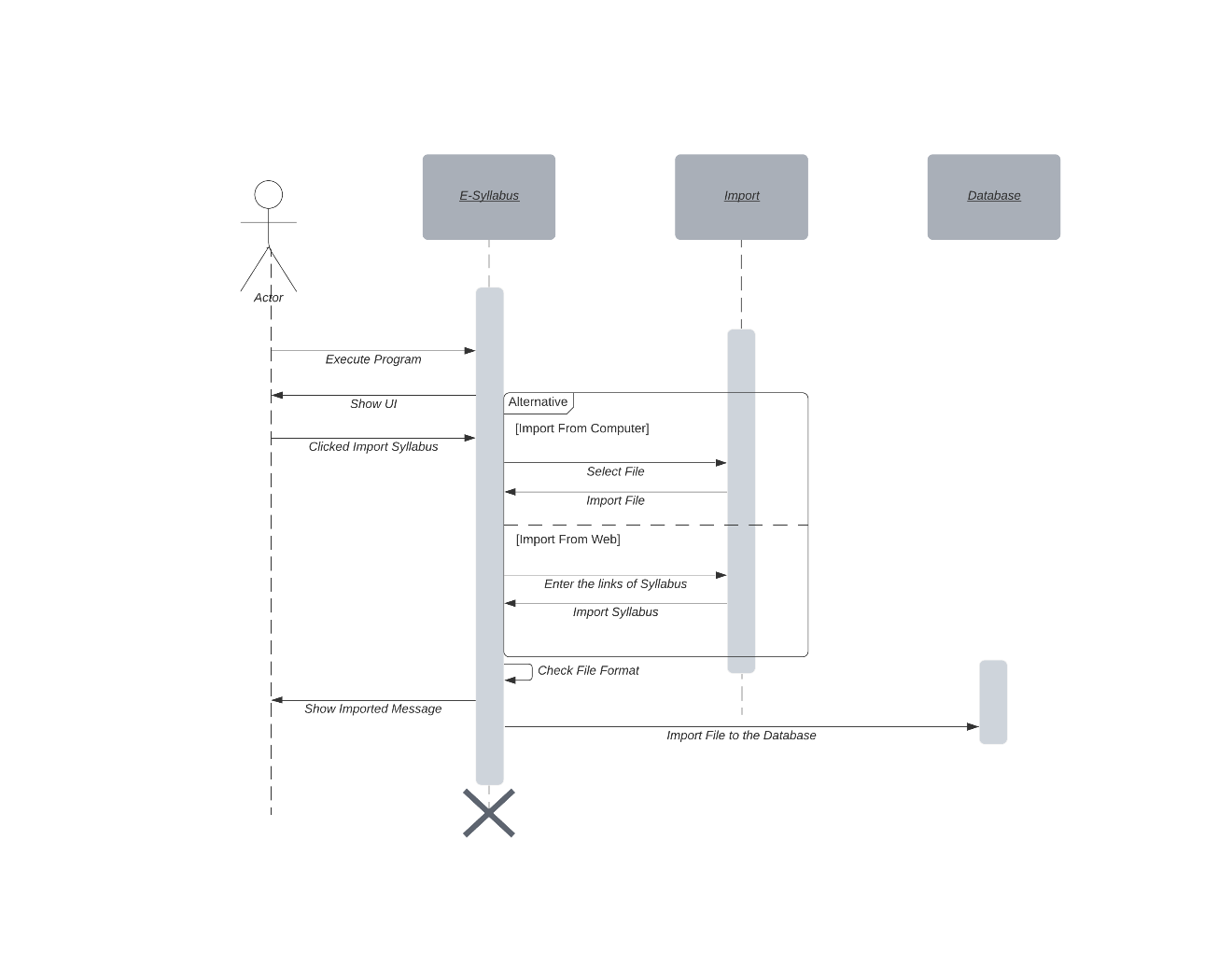
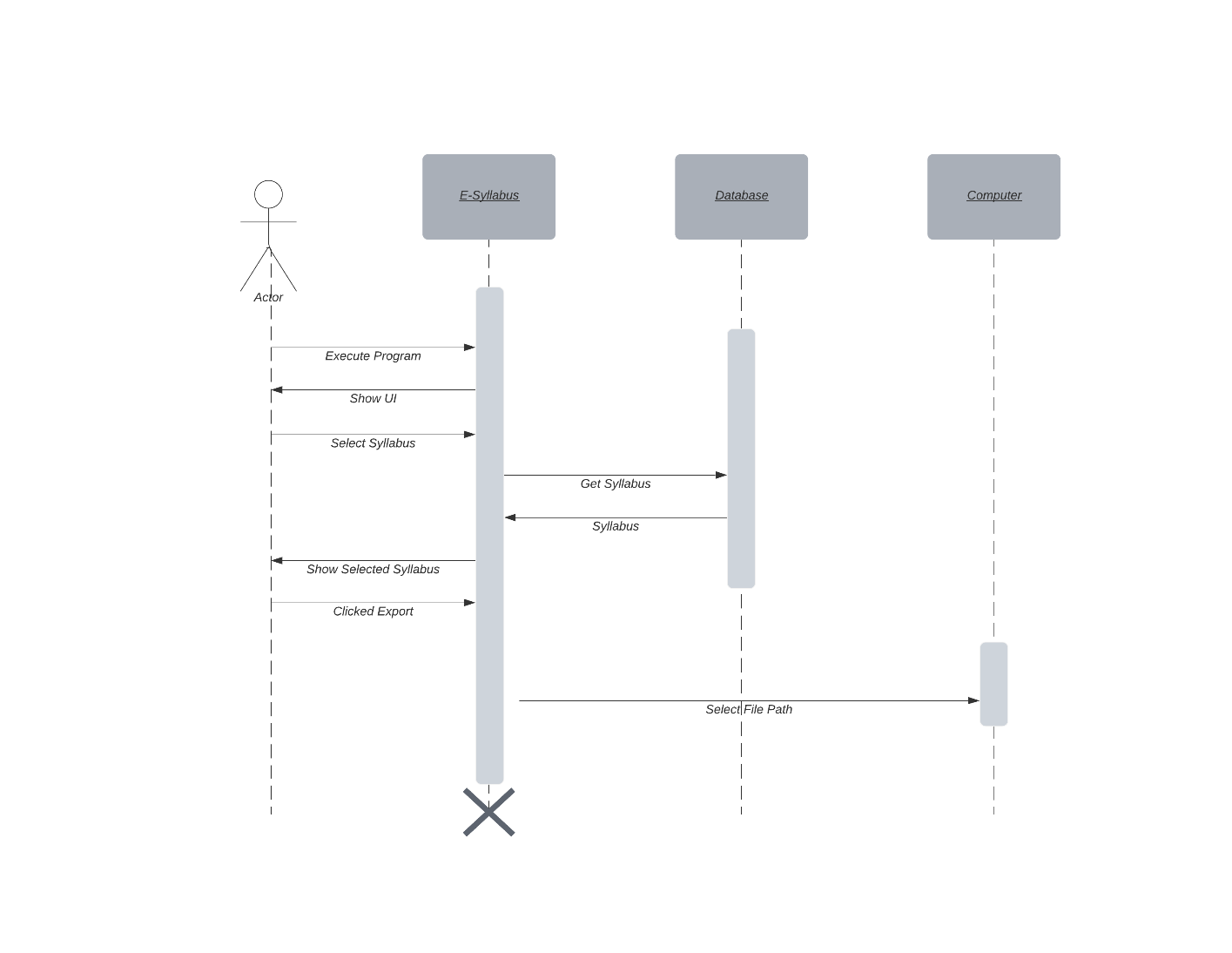
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Figure 23: Export Sequence Diagram

Figure 22: Import Sequence Diagram

**3.5.Database Viewpoint**

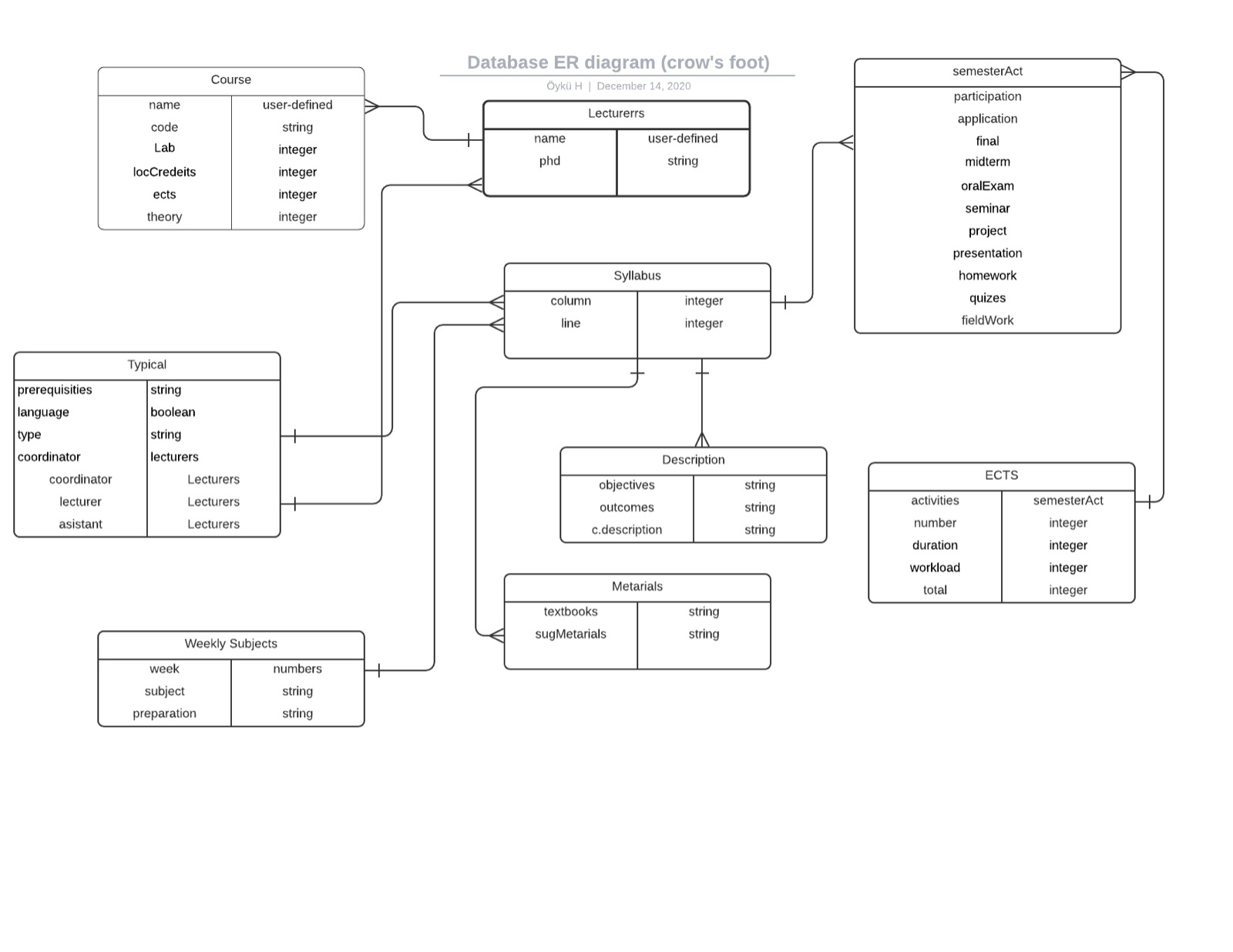
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Figure 24: Database Diagram