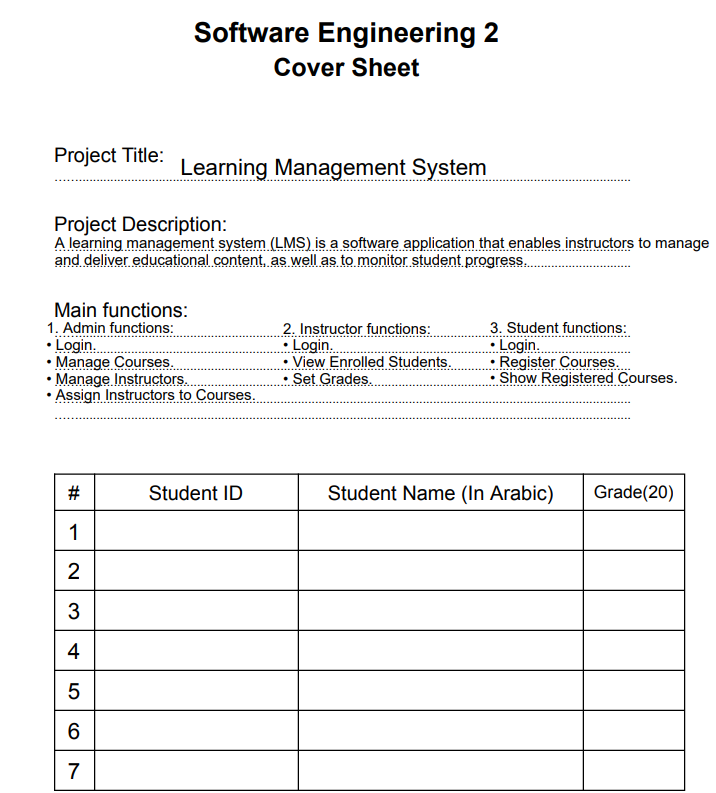
****

**A picture containing text, screenshot, number, font

Description automatically generated**

**UML Diagrams**

1. A picture containing diagram, line, pattern

   Description automatically generated **Use Case Diagram:**
2. **A picture containing diagram, text, plan, technical drawing

   Description automatically generated Class Diagram:**

**A picture containing text, screenshot, document

Description automatically generatedOCL Constraints:**

1. **Activity Diagram:**
2. **Login**

**A picture containing diagram, text, line

Description automatically generated**

1. **Add Course**

**A diagram of a course

Description automatically generated with medium confidence**

1. **View Enrolled Students**

**A diagram of a course

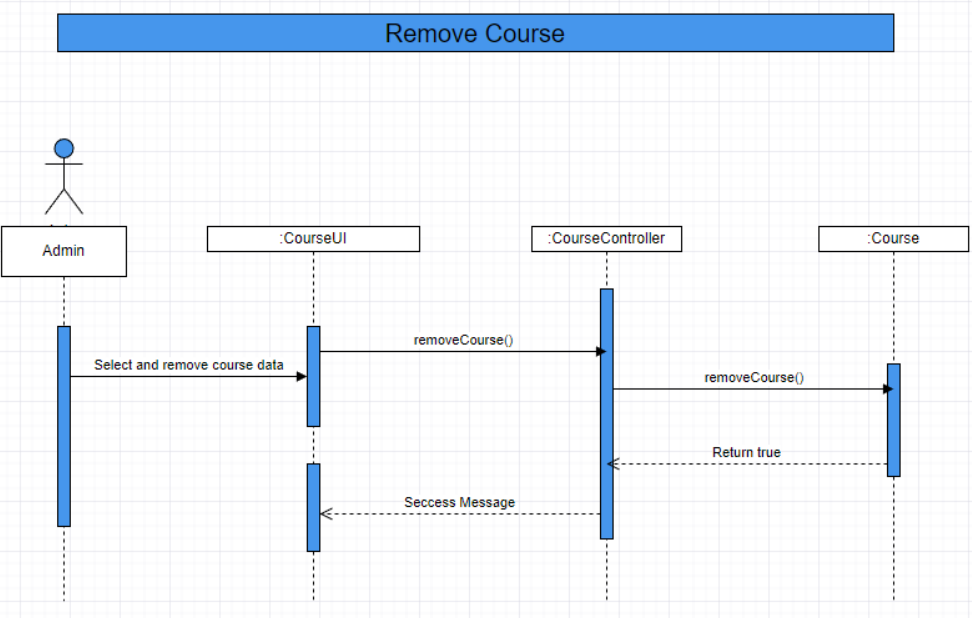
Description automatically generated with medium confidence**

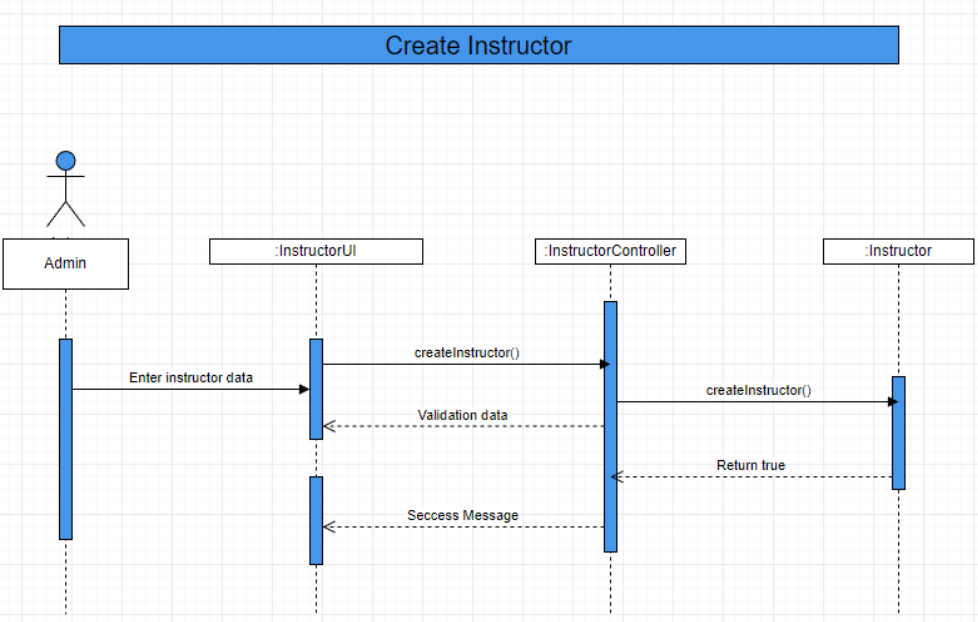
1. **Manage Instructor**

**A picture containing diagram, text, line, origami

Description automatically generated**

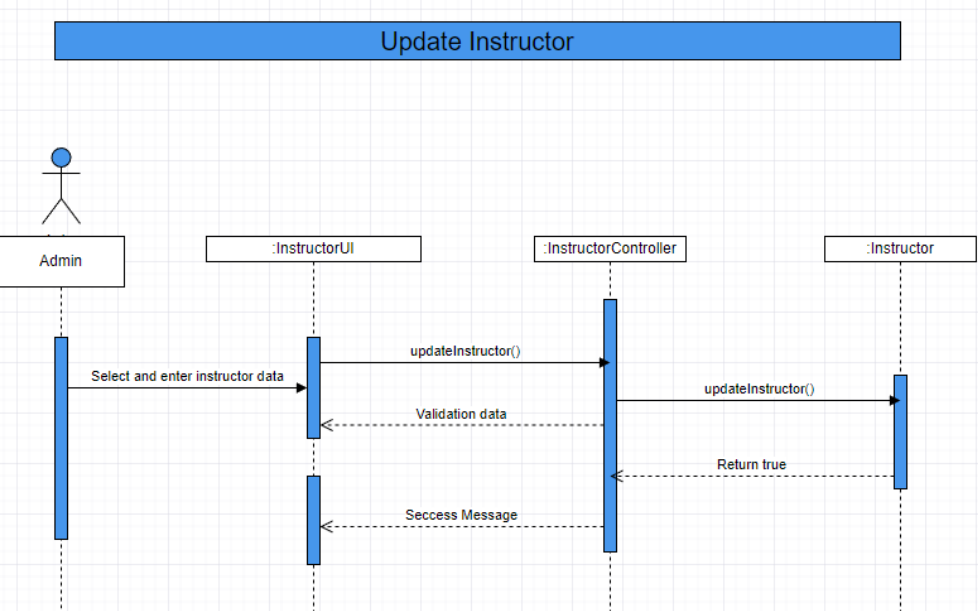
1. A diagram of course

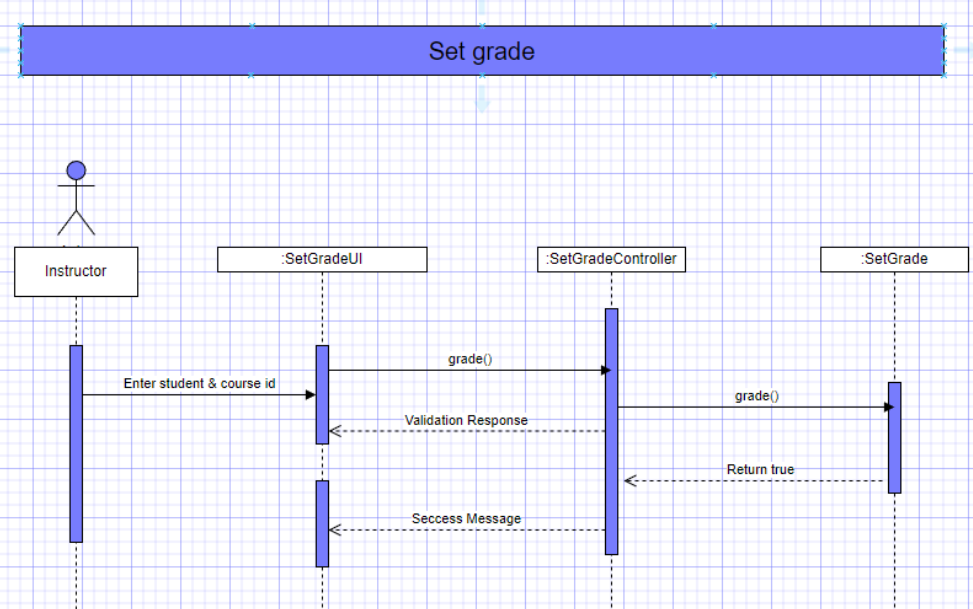
   Description automatically generated with low confidence **Sequence Diagram:**

**A diagram of a course

Description automatically generated with low confidence**

**A picture containing text, diagram, screenshot, parallel

Description automatically generated**

**A picture containing text, line, number, diagram

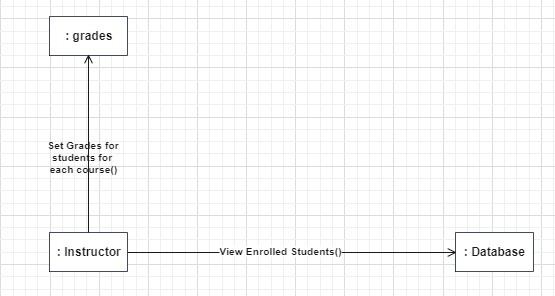
Description automatically generated**

1. **Communication Diagram:**
2. **Admin Communication Diagram**

A picture containing diagram, text, line, plot

Description automatically generated

1. **Instructor Communication Diagram**



1. **Student Communication Diagram**

A picture containing text, diagram, line, screenshot

Description automatically generated

1. **State Diagram:**
2. A picture containing diagram, text, plan, technical drawing

   Description automatically generated**Admin State Diagram**
3. A picture containing diagram, text, plan, technical drawing

   Description automatically generated**Instructor State Diagram**
4. A picture containing text, diagram, plan, line

   Description automatically generated**Student State Diagram**
5. **A picture containing diagram, drawing, sketch, line

   Description automatically generated ERD:**

**GitHub Link**

<https://github.com/Karim-Sameh/SW2_Project>