# Use Case Specification for Approve Project

**Identifier: UC10**

**Brief Description:** This use case enables the actor, the instructor, to approve a project for a registered and new company.

# Section 1: Business Rule(s):

BR# 1: Only projects approved by appropriate instructor can become available for PRJ566 students.

BR# 7: Appropriate istructor must be notified when a new project is proposed.

# Section 2: All Scenarios (HD):

**Scenario 1:** Approve project for a registered company

**Preconditions:** The system is displaying a Instructor Home Page screen

An instructor was notified that new project has been proposed

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| --- | --- | --- |
| **Actor** | **System** | **Data Used** |
| The actor selects the “view all proposed projects” option | The system displays all projects pending for approval |  |
| The actor selects a project | The system displays company information: company name, contact name, and phone number; and project information: project description, project constraints | companyId, companyName, companyContact,  companyPhoneNumber, projectId, projectDescription, projectConstraints |
| The actor approves the project | System changes the project status to approved and notifies the actor that a new project has been approved | companyId, companyName, companyContact,  companyPhoneNumber, projectId, projectDescription, projectConstraints,  projectStatus |
| The actor accepts the acknowledgment | The system checks the company status and redirects the actor to the Site Administrator Home Page, and sends e-mail to the company | companyStatus |
|  |  |  |

# Successful Post conditions: The proposed project is approved

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**Scenario 2:** Approve project for a new company

**Preconditions:** The system is displaying a Instructor Home Page screen

An instructor was notified that new project has been proposed

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| --- | --- | --- |
| **Actor** | **System** | **Data Used** |
| The actor selects the “view all proposed projects” option | The system displays all projects pending for approval |  |
| The actor selects a project | The system displays company information: company name, contact name, and phone number; and project information: project description, project constraints | companyId, companyName, companyContact,  companyPhoneNumber, projectId, projectDescription, projectConstraints |
| The actor approves the project | System changes the project status to approved and notifies the actor that a new project has been approved | companyId, companyName, companyContact,  companyPhoneNumber, projectId, projectDescription, projectConstraints,  projectStatus |
| The actor accepts the acknowledgment | The system checks the company status and redirects the actor to the Create Company Account Page | companyStatus. companyId |
|  |  |  |

# Successful Post conditions: The proposed project is approved

# Section 3: Classes/Attributes identified:

|  |  |
| --- | --- |
| **Class** | **Attribute of class** |
| Company | companyId, companyName, companyContact, companyPhoneNumber, companyStatus |
| Projects | projected, projectDescription, projectConstraints, projectStatus |
|  |  |