

**Independent University, Bangladesh**

**Department of Computer Science & Engineering**

**Assignment 2**

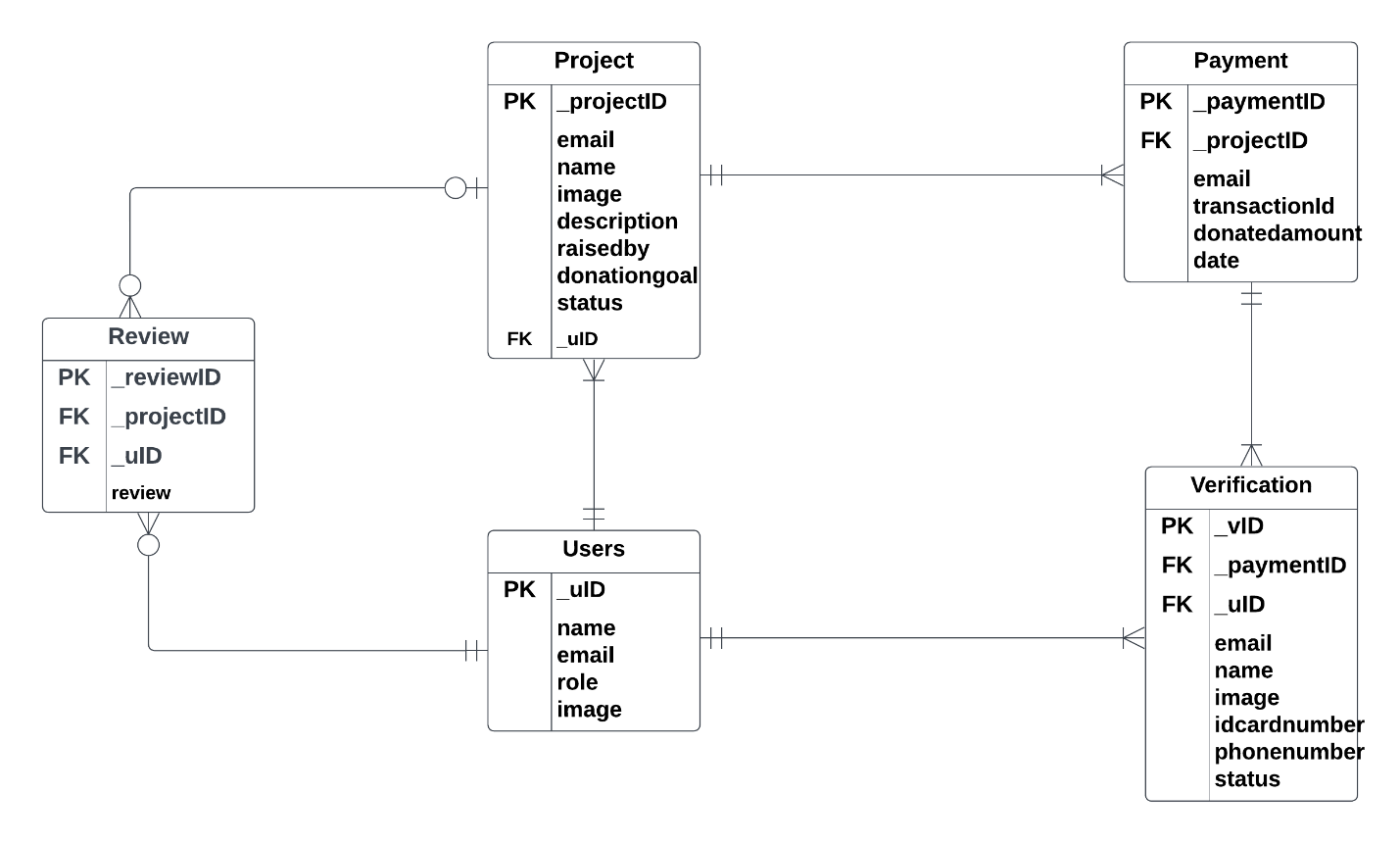
**Course ID : CSE307**

**Course section : 03**

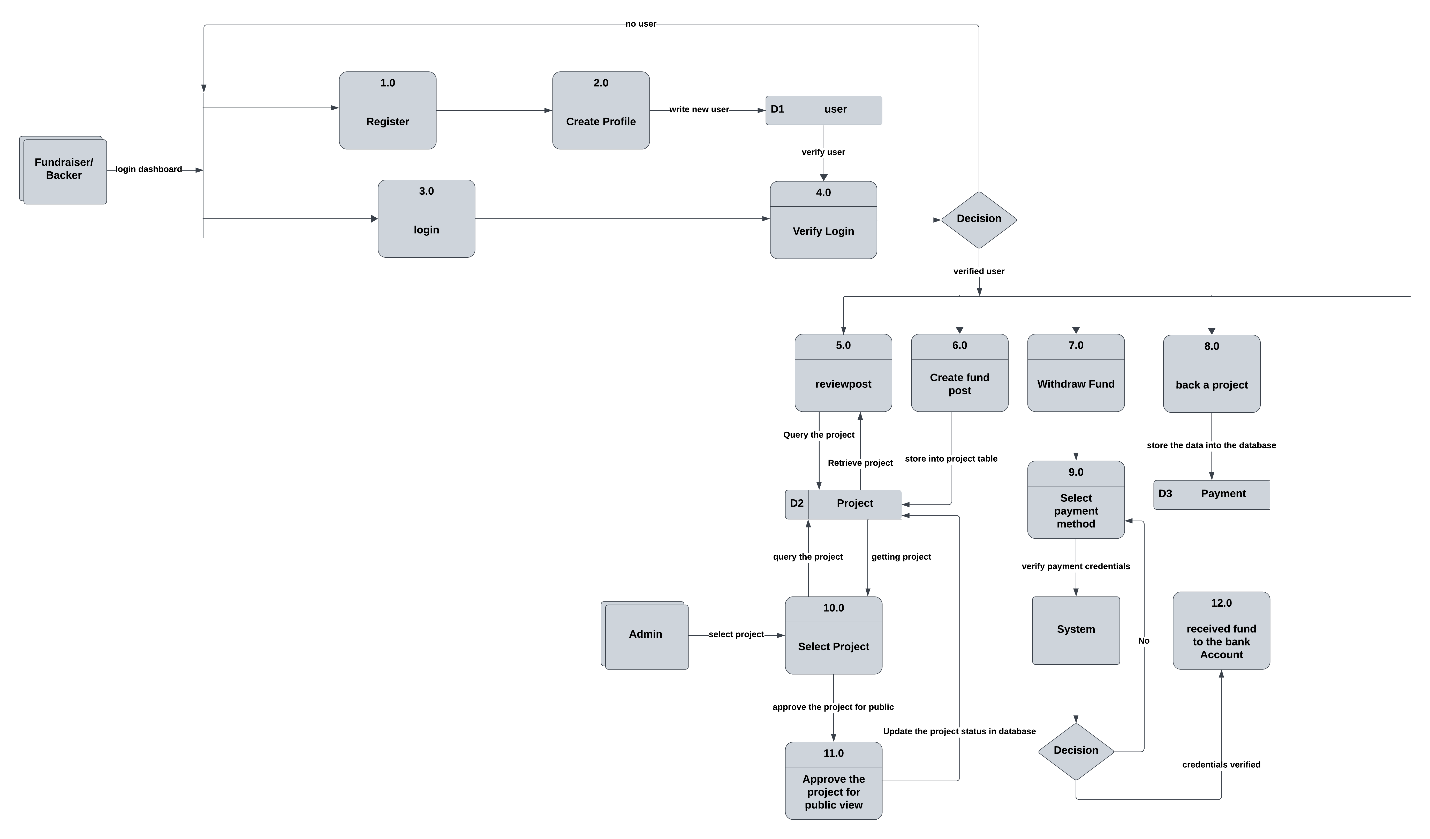
**Instructor name : Sabrina Alam**

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| --- | --- |
| **Student Name** | **Student ID** |
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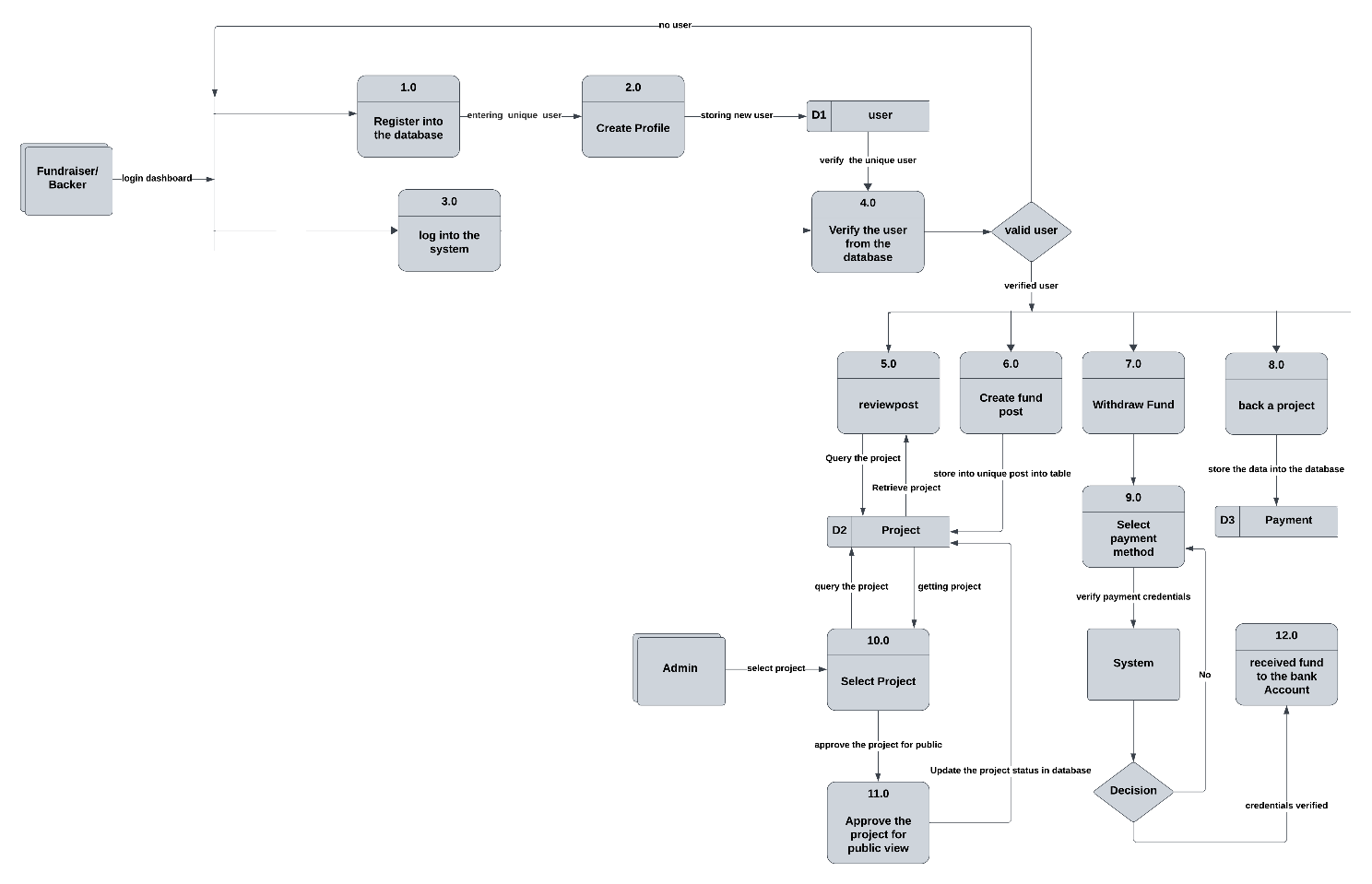
1. **Draw Entity Relationship Diagram for the system. (5 Points)**



1. **Draw the Logical Data Flow diagrams. (5 Points)**

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1. **Draw the Physical Data Flow diagrams. (5 Points)**

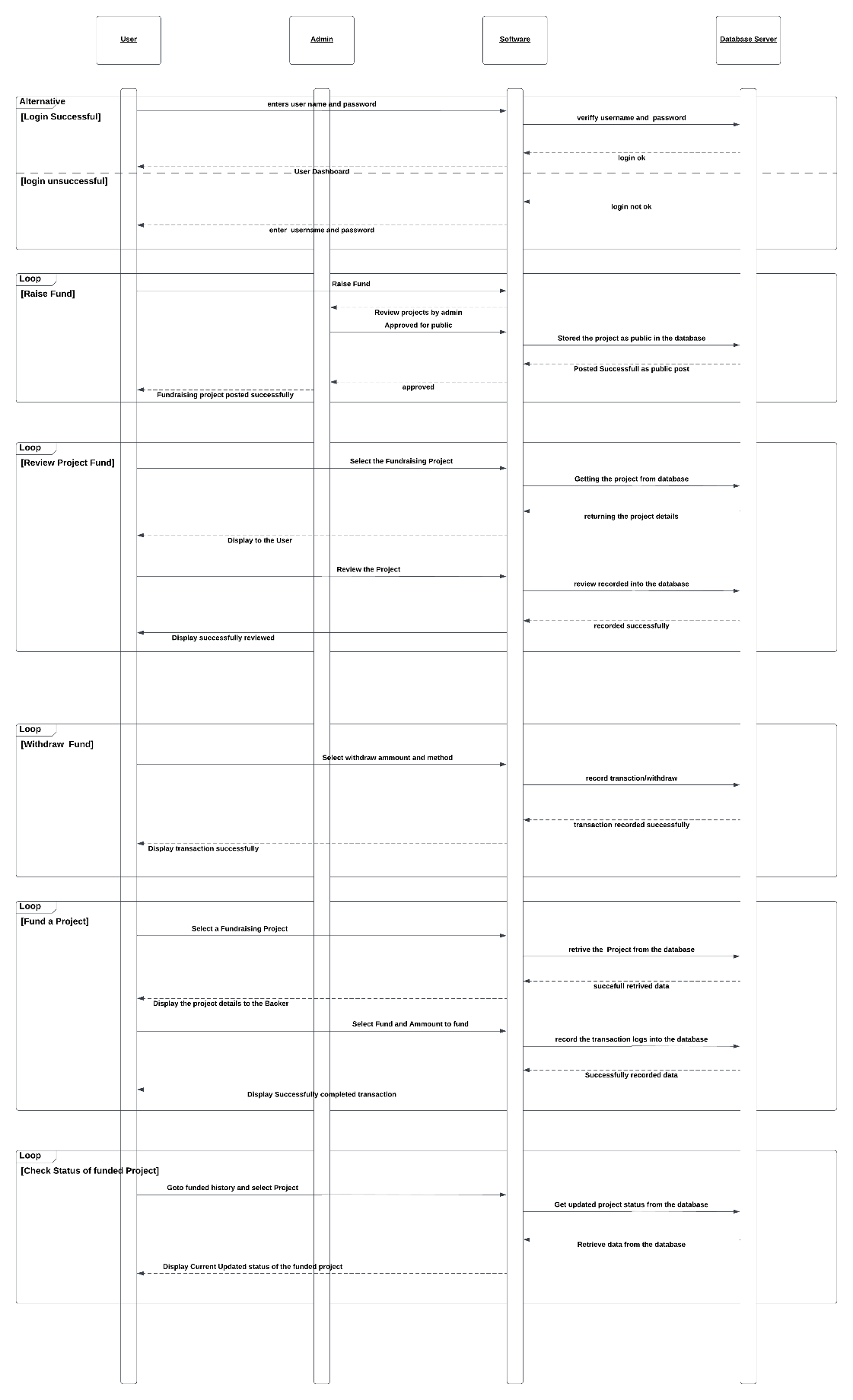
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1. **Derive activity diagrams from use case diagrams and draw activitydiagrams. (5 Points)**

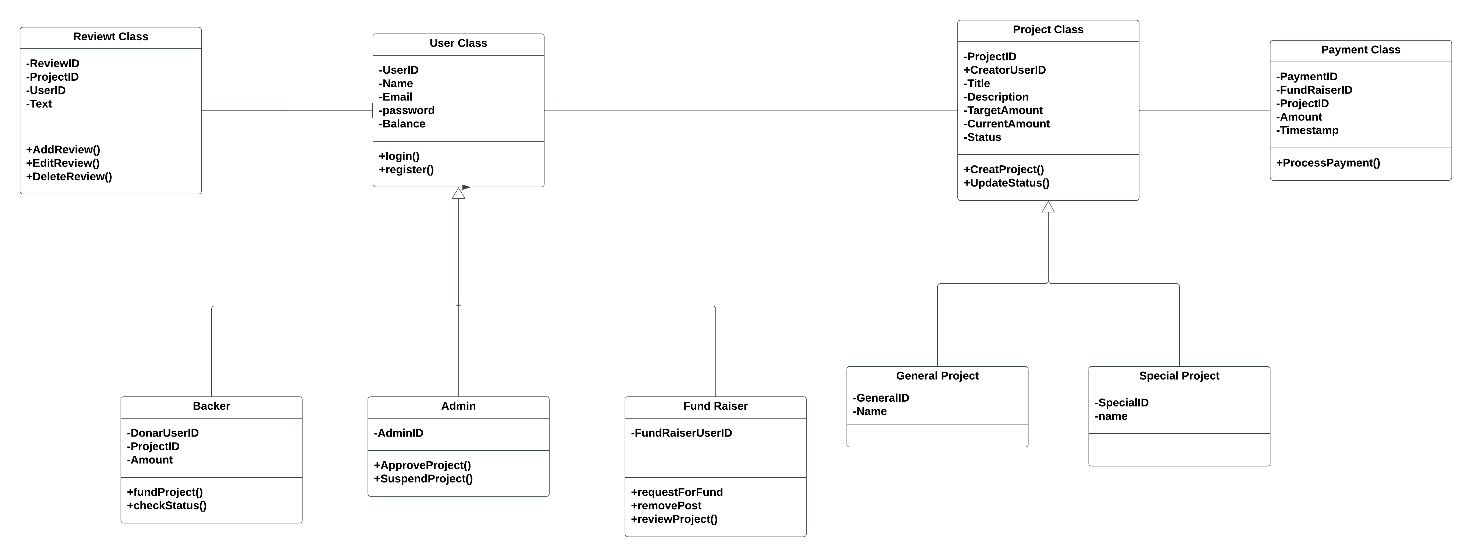
**A screenshot of a computer

Description automatically generated**

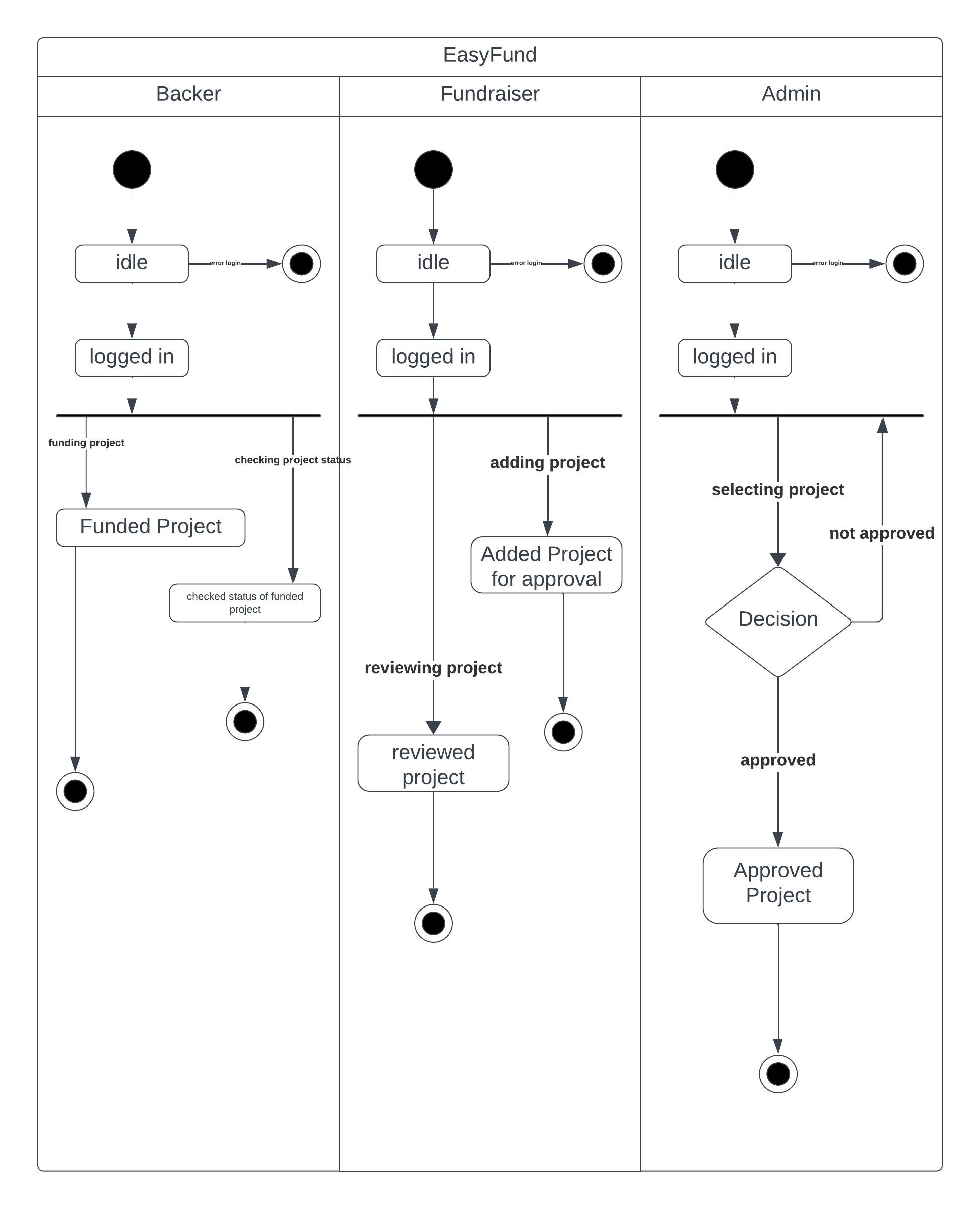
1. **Develop sequence and communication diagrams from use case scenarios. (5Points)**

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1. **Develop the Class diagrams. (5 Points)**

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1. **Draw Statechart diagrams. (5 Points)**

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**8. Develop CRUD matrix. (5 Points)**

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| **PROGRAM** | | **TABLES** | | | | |
|  |  | Users | Project | Payment | Reviews | Verification |
| Users.register | Procedure | C |  |  |  |  |
| Users.login | Procedure | R |  |  |  |  |
| fundRaiser.CreateProject | Procedure | R | C |  |  |  |
| Users.addReview () | Procedure | R | R |  | C |  |
| Users.editReview() | Procedure | R | R |  | RU |  |
| Users.deleteReview() | Procedure | R | R |  | RD |  |
| fundRaiser.deleteproject() | Procedure | R | RD |  |  |  |
| Backer.fundProject() | Procedure | R | R | C |  | C |
| Backer.checkStatus() | View |  | R |  | R |  |
| Admin.approveProject() | Procedure | R | U |  |  |  |
| Admin.suspendproject() | Procedure | R | U |  |  |  |