**BANNARI AMMAN INSTITUTE OF TECHNOLOGY**
Autonomous Institution Affiliated to Anna University - Chennai, Accredited by NAAC with A+ Grade
Sathyamangalam - 638401 Erode District, Tamil Nadu, India.

Stay Ahead

**Student Name:** SARVESH A S M

**Seat No:** 175

**Project ID:** 15

**Project title:** (Product review and tracking system)

**PROBLEM STATEMENT:**

Build a portal for the product development process that efficiently manages critical stages such as problem statement approval, Bill of Materials (BoM) submission, student member assignment, reviews, uniqueness checking, documentation, and reward points. The portal should include features such as forms, workflows, task management tools, plagiarism checks, and document management to ensure a streamlined and organized approach to product development.

**PROJECT WORKFLOW:**

USER AUTHENTICATION:

- Users (admin, student, faculty, industry expert, reviewer) log in and are redirected to their respective dashboards.

PROBLEM STATEMENT MANAGEMENT:

- Faculty: Proposes problem statements, which undergo a uniqueness check. Approved statements are displayed to students.

STUDENT INTERACTION:

- Application: Students view and apply for problem statements. Selected students are added to the project after an interview.

REVIEW PHASES:

- Three Reviews:
    - 1st: Abstract, problem explanation, BoM submission.
    - 2nd: Solution and methodology submission.
    - 3rd: Final submission (images, GitHub link).
- Reviewers provide feedback after each phase.

PROJECT STATUS MANAGEMENT:

- Ongoing/Completed Projects: Status is tracked and displayed. Industry experts review industrial projects.

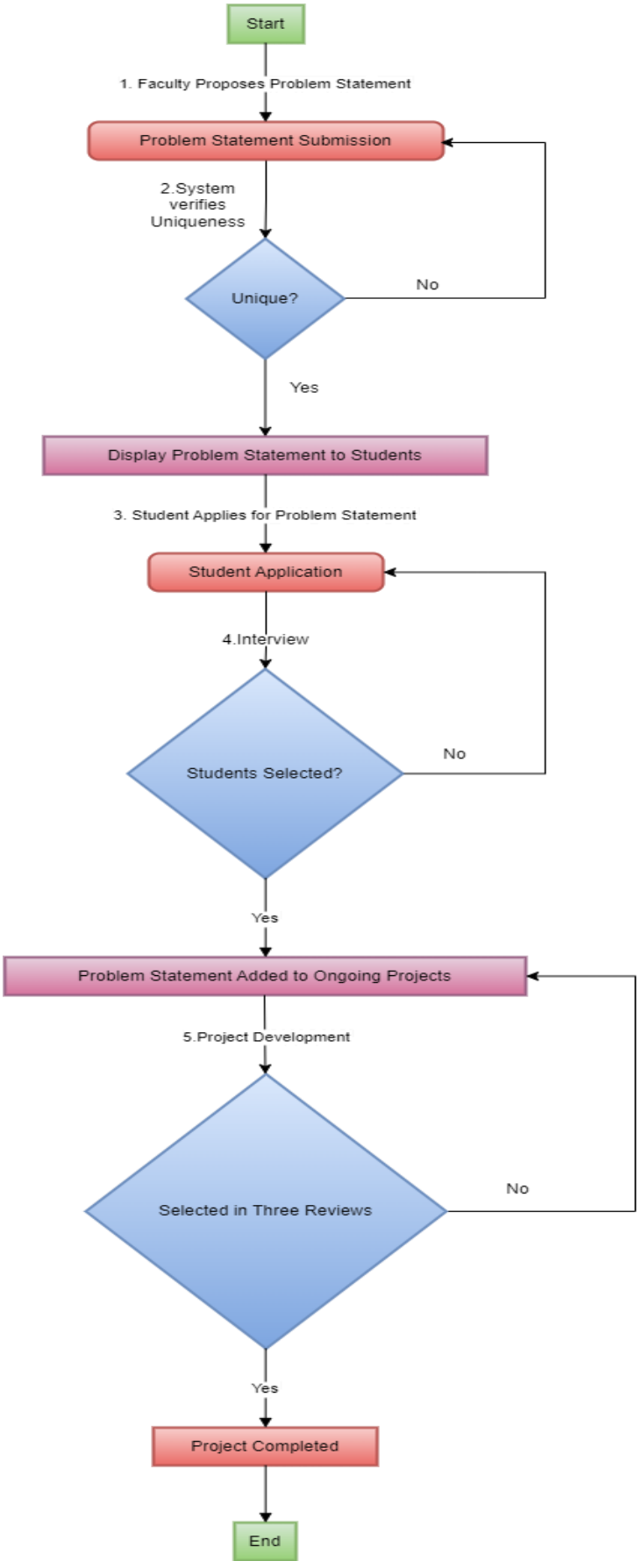
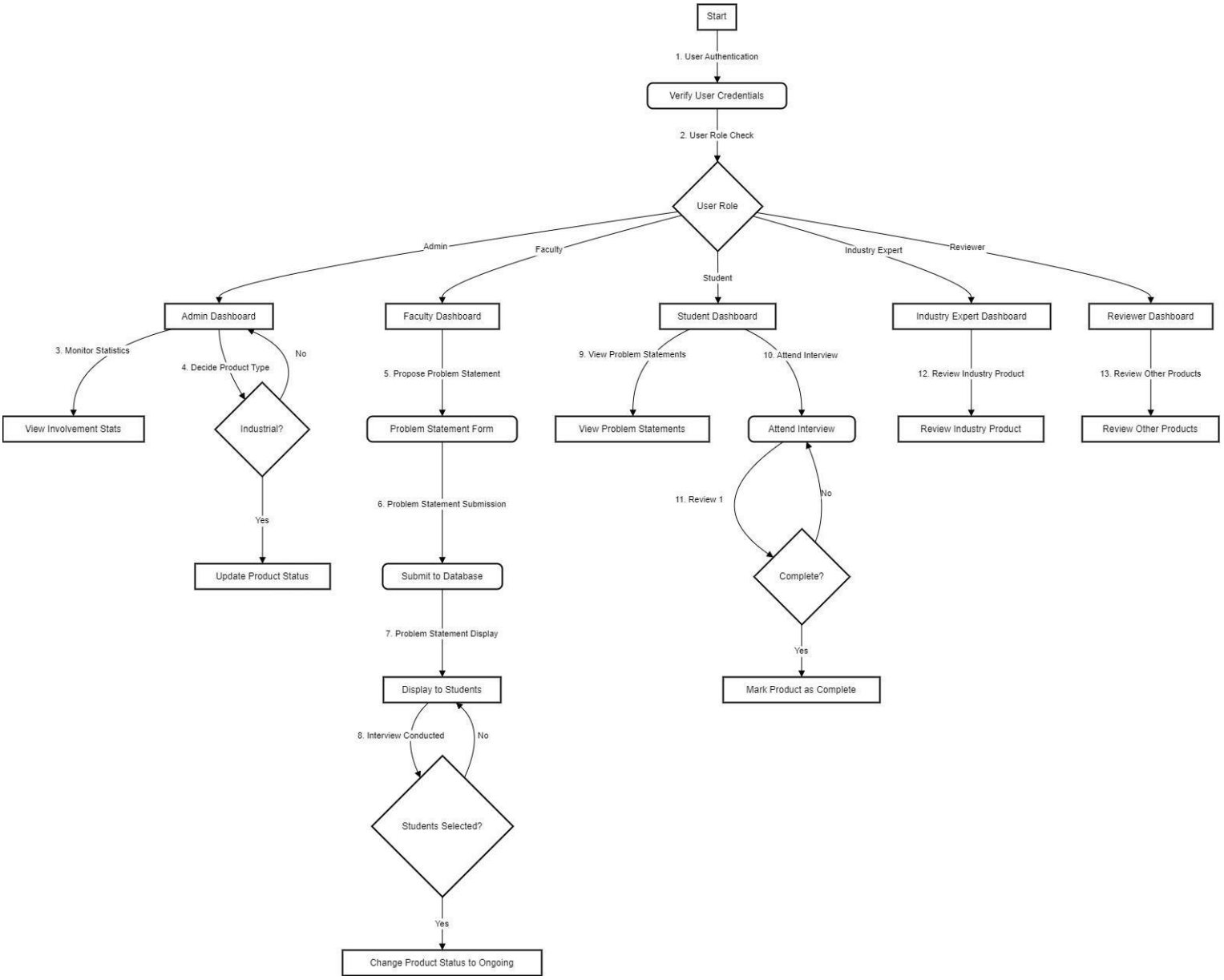
ADMIN OVERSIGHT:

- Monitoring: Admin tracks project and participant statistics.
- Final Decision: Admin determines if the product is commercial or lab-based.

COMMUNICATION:

- Notifications: System sends email updates for interviews, reviews, and status changes.

## GRAPHICAL REPRESENTATION WORKFLOW:



## INTERFACE OF DIFFERENT USERS: