



BANNARI AMMAN
INSTITUTE OF TECHNOLOGY
An Autonomous Institution, Affiliated to Anna University,
Approved by AICTE, Accredited by NAAC with 'A+' Grade

STUDENT NAME:KEERTHANA.R

ROLL NO:7376221EC202

SEAT NO:180

PROJECT ID:32

PROJECT TITLE:VALUATION AUTOMATION

SOFTWARE REQUIREMENT SPECIFICATION FOR
VALUATION AUTOMATION

TECH STACK: SPRING BOOT

FRONT END	REACT
BACK END	SPRING BOOT
DATABASE	MongoDB
API	RESTful APIs

IMPLEMENTATION TIME:

PHASE	NOTES
STAGE1	PLANNING AND REQUIREMENT GATHERING

STAGE 2	DESIGN AND UI/UX PROTOTYPING
STAGE 3	DATABASE DESIGN AND IMPLEMENTATION
STAGE 4	BACKEND DEVELOPMENT
STAGE 5	INTEGRATION AND TESTING
STAGE 6	DEPLOYMENT

PROBLEM STATEMENT:

In many Institutions the faculties face difficulty in evaluating the papers during paper correction so this valuation automation would help them to evaluate papers without any confusions. In this project we will be creating the proper allocation of faculties with amount for each papers based on UG AND PG and number of papers to be corrected in an particular day.

PURPOSE:

To build a Valuation Automation platform where the faculties can have easy access regarding the amount they must get paid and number of papers to be corrected during paper evaluation.

SCOPE OF THE PROJECT:

The scope of the project is to make job easier for the faculties during paper correction where the paper to be corrected with course code and number of papers will be displayed showing the price amount charges for each paper based on UG and PG papers.

NOVELTY:

- **Data Entry and Integration:**

User Input: Faculty ID, course code, number of papers, and amount per paper.

Database Integration: Integrate with existing academic databases to fetch historical data on faculty workload, course details, and past valuation records.

- **User Interface and Experience:**

- **Dashboard:** Create an intuitive dashboard displaying real-time data, predictive insights, and historical analysis.
- **Customization:** Allow faculties to customize their workload preferences and set maximum thresholds for paper correction.

SYSTEM REQUIREMENT SPECIFICATIONS:

1. In the input the faculty details will be given the faculty must be able to enter the data for example his ID number and all his details will be displayed.
2. The allocation of subject code and the particular subject should be displayed.
3. Details on who is the board chairman, the chief executive everything must be displayed.
4. The number of papers to be evaluated in a particular day for a faculty is to be displayed.
5. The allocation of UG OR PG papers for faculty must be displayed.
6. The price amount for per UG paper is rupees 25 and PG paper is 30.
7. Foil card allocation for each faculty will be done.

8.The amount for Board chairman is rupees 1000 per day and Chief Executive is rupees 500 per day.

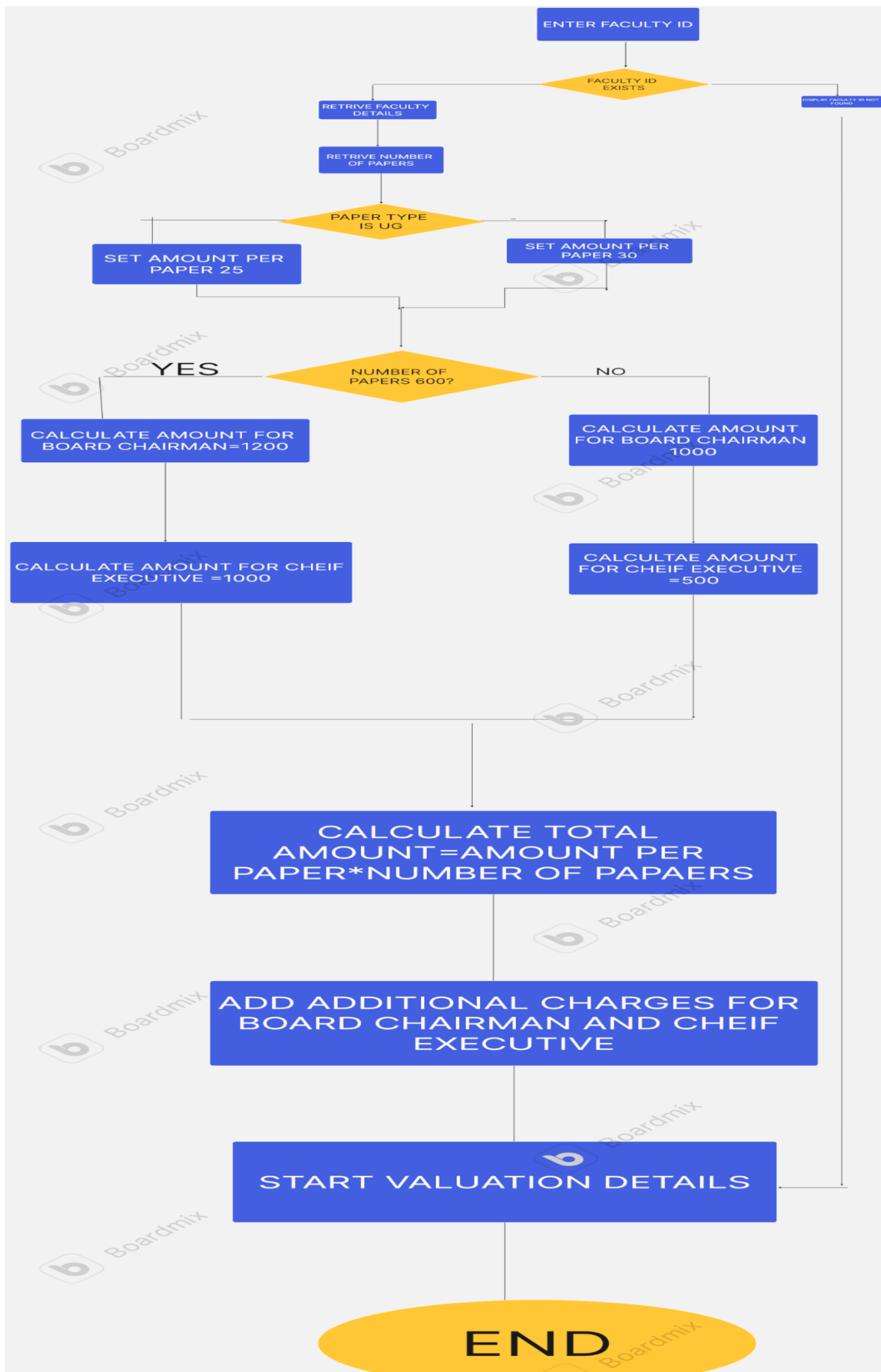
PROJECT FLOW:

The Frontend is developed using React to develop the user interface and Make API calls to the Spring Boot backend using Axios or Fetch API., while the backend is developed using spring boot to create RESTful endpoints using Spring MVC. Postgre SQL is used as database for storing applications.

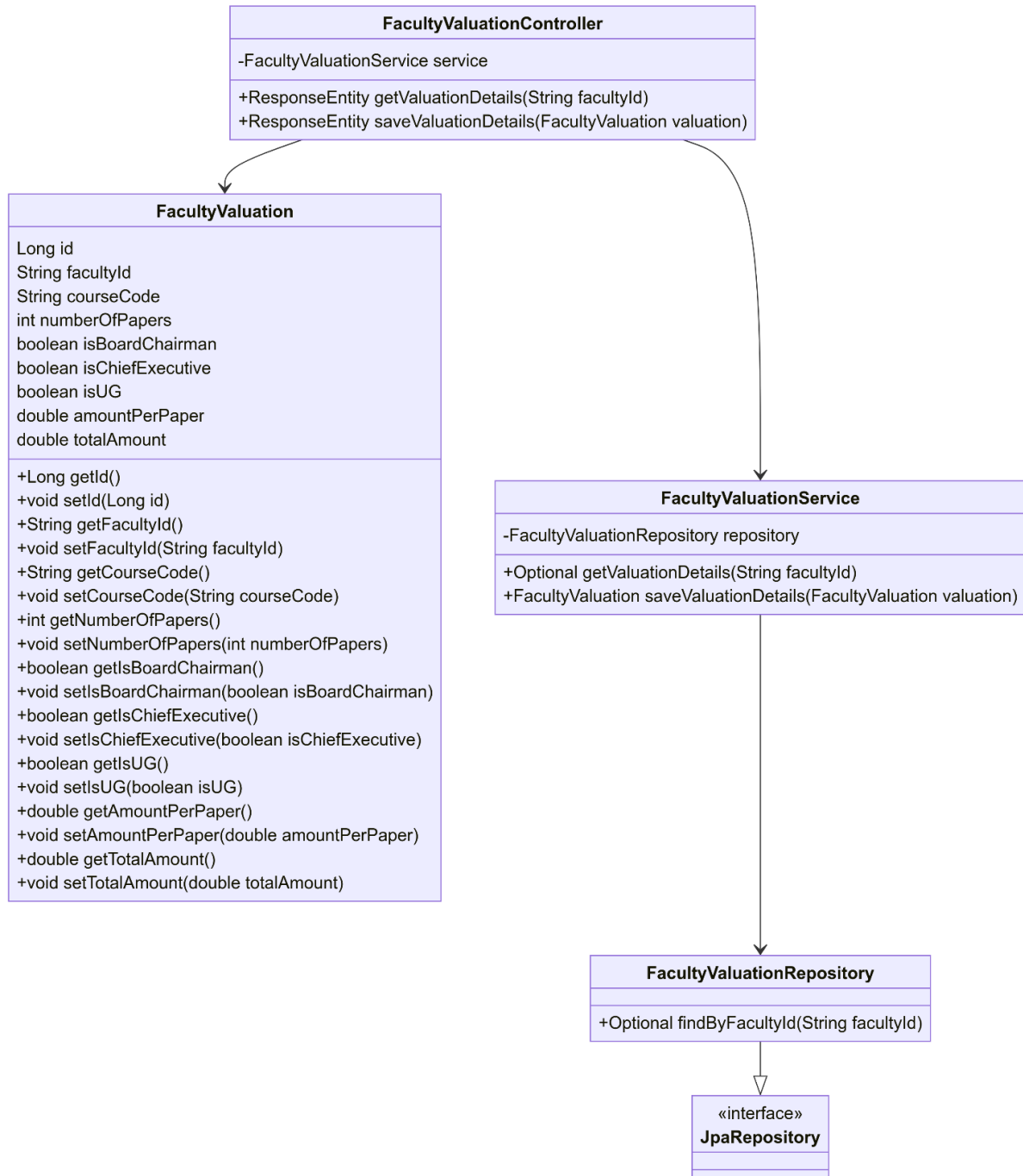
CONSIDERATIONS:

Faculty details:

- Faculty name
- Faculty ID
- Faculty department



ER DIAGRAM:



UI DESIGN



BANNARI AMMAN
INSTITUTE OF TECHNOLOGY
An Autonomous Institution, Affiliated to Anna University,
Approved by AICTE, Accredited by NAAC with 'A+' Grade

Stay Ahead



ENTER MAIL-ID

PASSWORD

[FORGOT PASSWORD?](#)

[CREATE ACCOUNT?](#)

