RP REDEMPTION AUTOMATION

PYTHON STACK

INTRODUCTION:

Welcome to the project's reward points automation! Efficiency and accuracy are critical in the current digital era, particularly for educational institutions. Students can receive a variety of incentives by earning reward points, but organizing and translating these points into internal marks might be difficult. Our solution fills that need. We expedite the conversion of incentive points into internal marks by automating this process, which ensures evaluation fairness and saves time.

OBJECTIVE:

Simplifying the process of turning student reward points gained into internal marks is the main objective of the Reward Points Automation project. By offering a smooth platform, we hope to do away with manual computations and possible mistakes, improving teacher productivity and guaranteeing an open assessment process. Our goal is to develop an intuitive web application that makes this conversion process easier for administrators to control ratios and for students to see the marks they have earned.

TECHNICAL STACK:

We use a strong technical stack made up of HTML, CSS, JavaScript, SQL, and PHP to accomplish our goal. Our web pages are primarily composed of HTML (Hypertext Markup Language), which provides the organization and design. By decorating the HTML elements, CSS (Cascading Style Sheets) improves the visual appeal and guarantees an aesthetically acceptable user interface. JavaScript enhances user-friendliness and interaction by enabling dynamic content. Database management is accomplished with the use of SQL (Structured Query Language), which guarantees effective data storage and retrieval for reward points, internal marks, and student information. Lastly, the server-side scripting language is PHP (Hypertext Preprocessor), which makes it possible to create dynamic web pages and facilitates communication between the database and the front end.

We provide a comprehensive solution that meets the demands of educational institutions looking to automate the conversion of incentive points to internal marks by combining these technologies. Reward Points Automation gives you the tools you need for a flawless experience, whether you're a student excited to track your progress or an educator trying to expedite your evaluation process.

ADDITIONAL FEATURES:

COMMENTS AND GRIEVANCE FORM:

We recognize that customer feedback is crucial to enhancing our offerings. We have a dedicated complaint and feedback form on our online application, so users can simply communicate their ideas, opinions, and concerns. This feature guarantees that the

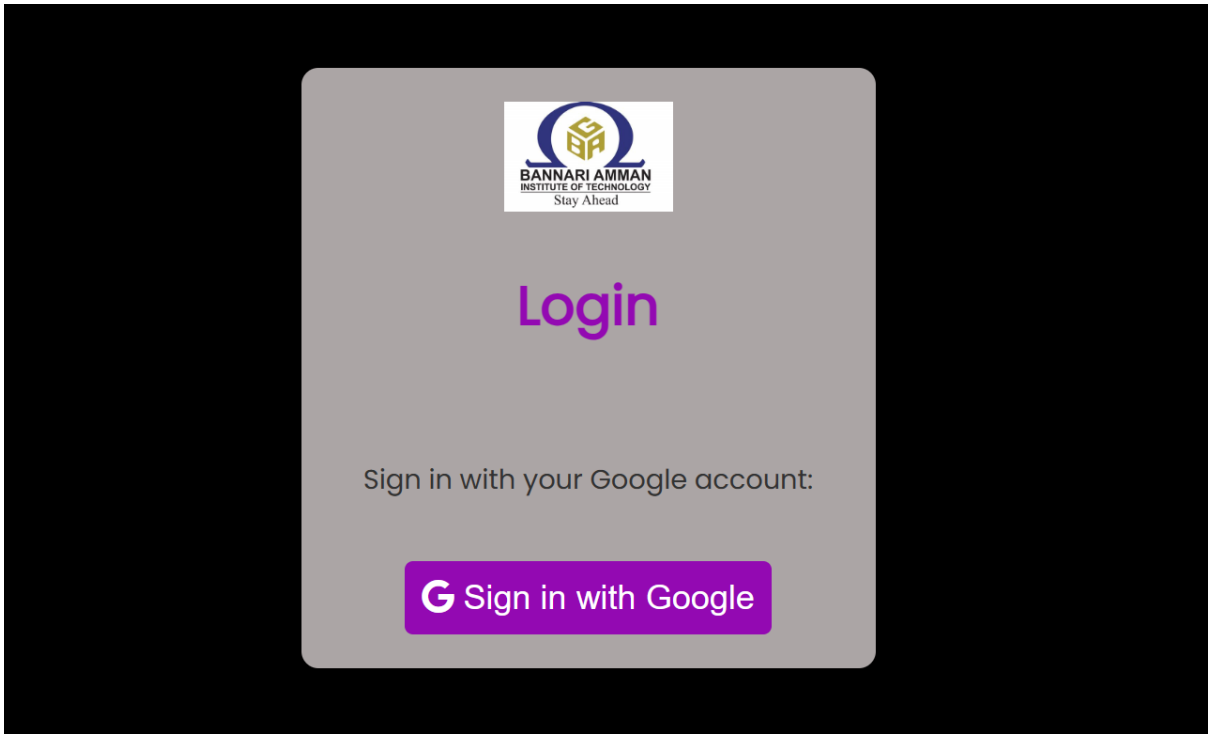
system stays sensitive to the needs of educators and students while facilitating ongoing improvement.

ADMIN FEATURES:

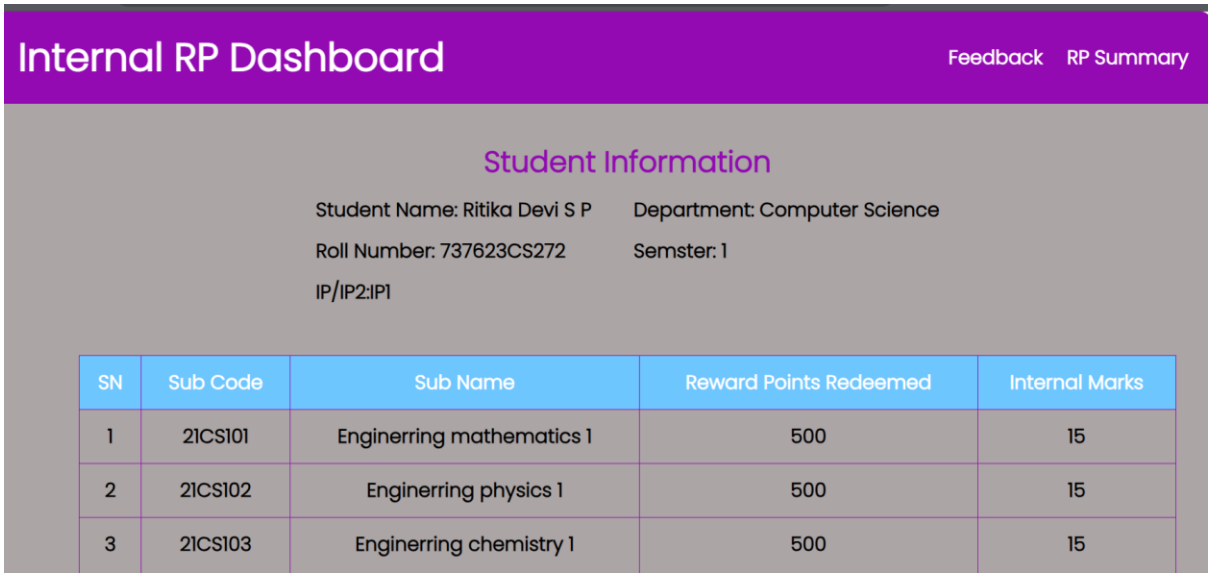
1. Admin Login
2. Admin page
3. View students from different years and different departments
4. Managing the notifications from different teams of the college for notifications.
5. Responding to student queries
6. Database view
7. Automating reward point conversion
8. Managing staff information
9. Exit and logout (blocking users)

FRONTEND-samples:

STUDENT VIEWS:



HERE STUDENTS / ADMIN CAN LOG IN WITH THEIR BIT CREDENTIALS



SN	Sub Code	Sub Name	Reward Points Redeemed	Internal Marks
1	21CS101	Enginerring mathematics 1	500	15
2	21CS102	Enginerring physics 1	500	15
3	21CS103	Enginerring chemistry 1	500	15

AFTER SUCCESSFUL LOGIN STUDENTS WILL BE ABLE TO SEE THEIR RP DASHBOARD

SN	Sub Code	Sub Name	Reward Points Redeemed	Internal Marks
1	21CS101	Enginerring mathematics 1	500	15
2	21CS102	Enginerring physics 1	500	15
3	21CS103	Enginerring chemistry 1	500	15
4	21CS104	Python problem solving	500	15
5	21CS091	python laboratory	500	15

Submit | Not Satisfied (Enter Your Own Marks)

IF THEY ARE NOT SATISFIED, THEY CAN ENTER THEIR MARKS BY PRESSING THE “NOT SATISFIED BUTTON” IF THEY ARE SATISFIED, THEY WILL CLICK THE SUBMIT BUTTON