Name: Nandhitha S

Seat No: 64

Project ID: 24

Project Title: Student Satisfaction Survey

Technical Components

Component	Tech Stack
Frontend	Angular
Backend	Express.js & Node.js
Database	MongoDB
API	RESTful

Problem Statement:

In modern educational institutions, understanding and improving student satisfaction is crucial for enhancing the overall learning experience. To address this, there is a need for a comprehensive Student Satisfaction Survey Portal that allows faculties to create student satisfaction surveys, collect responses, and visualize the data in both graphical and spreadsheet manner based on their convenience. The graph should be prepared based on the response filled by the student in Student Satisfaction Survey form. Additionally, they can also create surveys in the dashboard and view them.

Introduction:

Purpose:

The purpose of this document is to provide a detailed description of the newly unveiled dashboard – Student Satisfaction Survey Portal. It will explain the scope, accrued benefits for end-users, features of the dashboard and considerations for using the portal.

Scope:

This Student Satisfaction Survey serves as a portal for Student Affairs Team, enabling them to handle the responses for the surveys they needed and view them in bar graph manner based on the response-data which in year-wise and they can able to view them in Google spreadsheet. User have the ability to create survey forms whenever they needed and there's a real-time tracking of the responses data.

End-User:

Users have the ability to view the "response's status" based on the number of students filled the survey in comparison to the overall students in that particular academic year.

Based on the responses status they can handle the response data of the survey seamlessly and they have "create form" option for future surveys and got those forms real-time updates in the dashboard.

Features:

1. Users(faculties) can login with their existing BIT google account.

2. They have the capability to visually view response data through dynamic bar graphs, facilitating comprehensive insights.

3. Additionally, newcomers to the portal can seamlessly initiate the form creation process, thereby fostering enhanced engagement and tailored survey deployment.

4. Users can view the current status of the responses in the dashboard based on the number of students present in that particular academic year and also get notifications for the responses.

5. They can also download or print the response data in the portal's response page whenever they needed.

Flow chart:

Workflow:

WELCOME BACK!

BANNARI AMMAN
INSTITUTE OF TECHNOLOGY
Stay Ahead
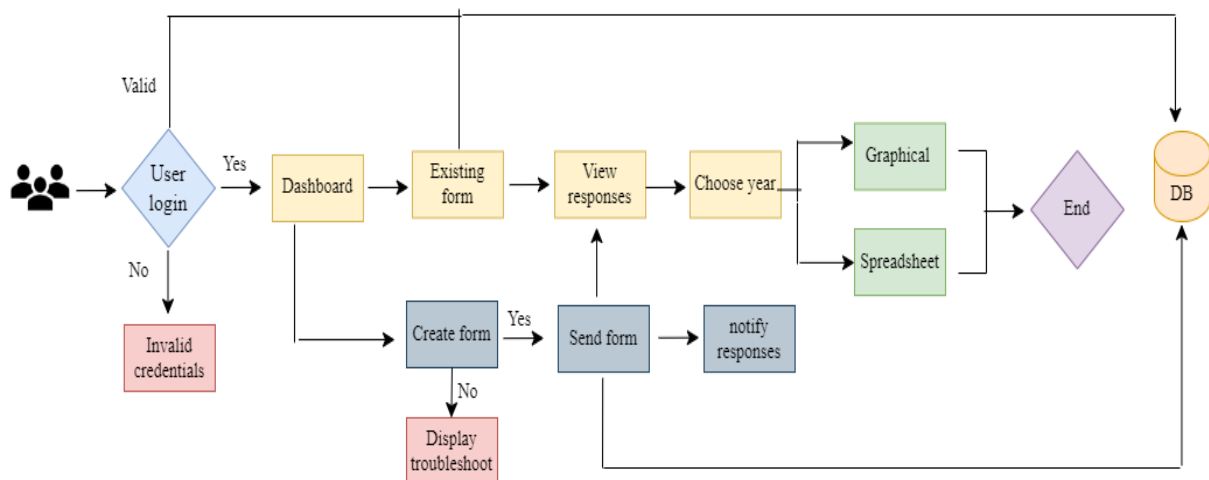
Google Sign In

Sign In with your google Account

Search...

HOME ∨

Dashboard
Create Form

Home > View

NS **Welcome Back!**
    NANDHITHA S

No forms created and No responses received!

Create Form

PROFILE

Logout

SSS Portal

Search...

HOME ∨

Dashboard

Create Form

Home > Create Form

Questions   **Settings**   Send

Untitled Form
Form Description

Untitled Question   ◉ Multiple choice ∨

○ Option 1
○ Add option

Required

PROFILE

Send Form   ✕

Collect email addresses   Do not collect ∨

Send Via   ✉   🔗

Link

https://docs.google.com/forms/d/e/1FAIpQLSc1QvhpOAeFhC3YFkw/viewform?usp=sf_link

☐ Shorten URL

Cancel   copy

NS **Welcome Back!**
NANDHITHA S

Home > Dashboard

Forms Created   Find..

S.No	Select		Status
1	☐	NAAC 2.7.1 - Student Satisfaction Survey	Response Received
2	☐	Voter ID Details	Response Not Received
3	☐	Aadhar details Updation Camp	
4	☐		
5	☐		

PROFILE
Logout

Home > Dashboard > Responses

NAAC 2.7.1 - Student Satisfaction Survey

Choose year

2020 - 2024 Batch	View as spreadsheet	View Graphically
2021 - 2025 Batch	View as spreadsheet	View Graphically
2022 - 2026 Batch	View as spreadsheet	View Graphically
2023 - 2027 Batch	View as spreadsheet	View Graphically

PROFILE

HOME ∨
Dashboard
Create Form

Home > Dashboard > Responses > 2022-2026 Graphic

Accepting Responses ⬤ ⋮
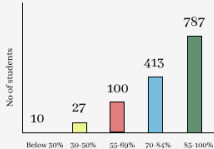
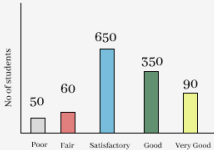1200/1200 Responses   Summary   Question   Individual

1.How much of the syllabus was covered in the class?
1200/1200 responses

No of students

787
413
100
27
10

Below 30% 30-50% 55-69% 70-84% 85-100%
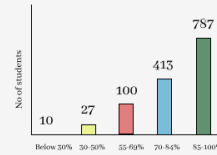
Copy

2.How well did the teachers prepare for the classes?
1200/1200 responses

No of students

650
350
90
60
50

Poor Fair Satisfactory Good Very Good

Copy

PROFILE

☐ Get Email notifications for new responses

Select destination for responses

Unlink form

Download responses(.pdf)

Print all responses

Delete all responses

✕

SSS Portal
Search...

HOME ∨
Dashboard
Create Form

Home > Dashboard > Responses > 2022-2026 Spreadsheet

Facebook Dashboard Draft 1
File Edit View Insert Format Data Tools Add-ons Help   Last edit was 12 hours ago
Arial   18   B I S A   123

fx

PROFILE