**Ideation Phase**

**Brainstorm & Idea Prioritization**

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| Date | 16 April 2025 |
| Team ID | SWTID1744120590 |
| Project Name | SurveyForm |
| Maximum Marks | 4 Marks |

**Brainstorm & Idea Prioritization Template:**

**1. Project Objective:** Develop a comprehensive, user-friendly platform enabling organizations to create, distribute, and analyze surveys efficiently.

**2. Target Users:**

* Researchers seeking data collection tools.
* Businesses aiming for customer feedback.
* Educators conducting academic surveys.

**3. Core Features:**

* **Survey Creation:** Dynamic form builder supporting various question types (multiple-choice, short answer, rating scales).
* **Distribution Channels:** Unique links, email invitations, and website embeds for broad reach.
* **Analytics Dashboard:** Real-time response tracking with visual reports (charts, graphs).
* **Data Export:** Options to export results in CSV or Excel formats.
* **Security Measures:** User authentication, CAPTCHA verification, and data encryption.

**4. Technical Stack:**

* **Frontend:** React.js for building interactive user interfaces.
* **Backend:** Node.js with Express.js to handle server-side logic and API endpoints.
* **Database:** MongoDB for flexible and scalable data storage.

**5. User Roles:**

* **Administrators:** Create and manage surveys, view analytics, and export data.
* **Respondents:** Access and complete surveys without the need for account creation.

**6. Deployment Considerations:**

* Responsive design ensuring compatibility across devices (desktops, tablets, smartphones).
* Scalable architecture to accommodate growing user base and data volume.

**Step-1: Team Gathering, Collaboration and Select the Problem Statement**

Graphical user interface, application

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**Step-2: Brainstorm, Idea Listing and Grouping**

Graphical user interface, treemap chart

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**Step-3: Idea Prioritization**

**Diagram

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