Organization: Ishanya India Foundation (IIF)

Website: https://ishanyaindia.org/

Nonprofit mission: Ishanya India Foundation (IIF) is a Centre for Individuals with Special Needs started in 2015, with the intent to make society more inclusive. IIF cater to the needs of individuals with difficulties such as Autism Spectrum Disorder, Asperger's Syndrome, Learning Disability, Down syndrome, and Attention Deficit Hyperactivity Disorder.

IIF team works with varied age groups, use an extensive approach and curriculum tailored to the specific needs and abilities. IIF's aim is to work along with families and schools as they believe in the holistic development of the child, and they also aim to train these individuals for employment and independent living.

Ishanya India Foundation (IIF) is an NGO dedicated to creating a more inclusive society for individuals with special needs, working along with families and schools towards the holistic development of the child.

Technical challenge:

The NGO aims to train these individuals for employment and independent living. Currently, the organization lacks a centralized system to manage and store information about its diverse stakeholders, including staff, students, beneficiaries, and volunteers. This results in:

Inefficient Stakeholder Data Management

The NGO struggles to effectively capture, store, and manage detailed information about its staff, students, beneficiaries, and volunteers. This results in:

- Difficulty in accessing and updating stakeholder information

- Limited visibility into stakeholder demographics, contact information, education, health, and social background

- Inefficient manual data entry and management processes

- Limited visibility into stakeholder interactions and engagements

How might we create a comprehensive and accessible system for managing stakeholder data?

Lack of Visibility into Stakeholder Journeys

The NGO finds it challenging to track the progression of its stakeholders, including program enrolments, attendance, progress, and HR-related information. This results in:

- Difficulty in evaluating stakeholder progress and identifying areas for support

- Limited visibility into the overall impact of NGO programs

- Inefficient use of resources and interventions

How might we design a system to track and visualize stakeholder journeys, enabling data-driven decision-making?

Limited Reporting Capabilities

The NGO finds it challenging to generate comprehensive reports on individual progress, program impact, and overall organizational performance. This results in:

- Difficulty in evaluating program effectiveness and identifying areas for improvement

- Limited visibility into stakeholder progress and outcomes

- Inefficient communication with stakeholders and funders

How might we design a reporting system that provides actionable insights and enables data-driven decision-making?

Suggestions for Students:

When you brainstorm with your team, think about how best to digitize this process, and make the nonprofit's life easier. Think about functionalities and features that would be of great help to the nonprofit. Some of the functionalities could be (but not limited to):
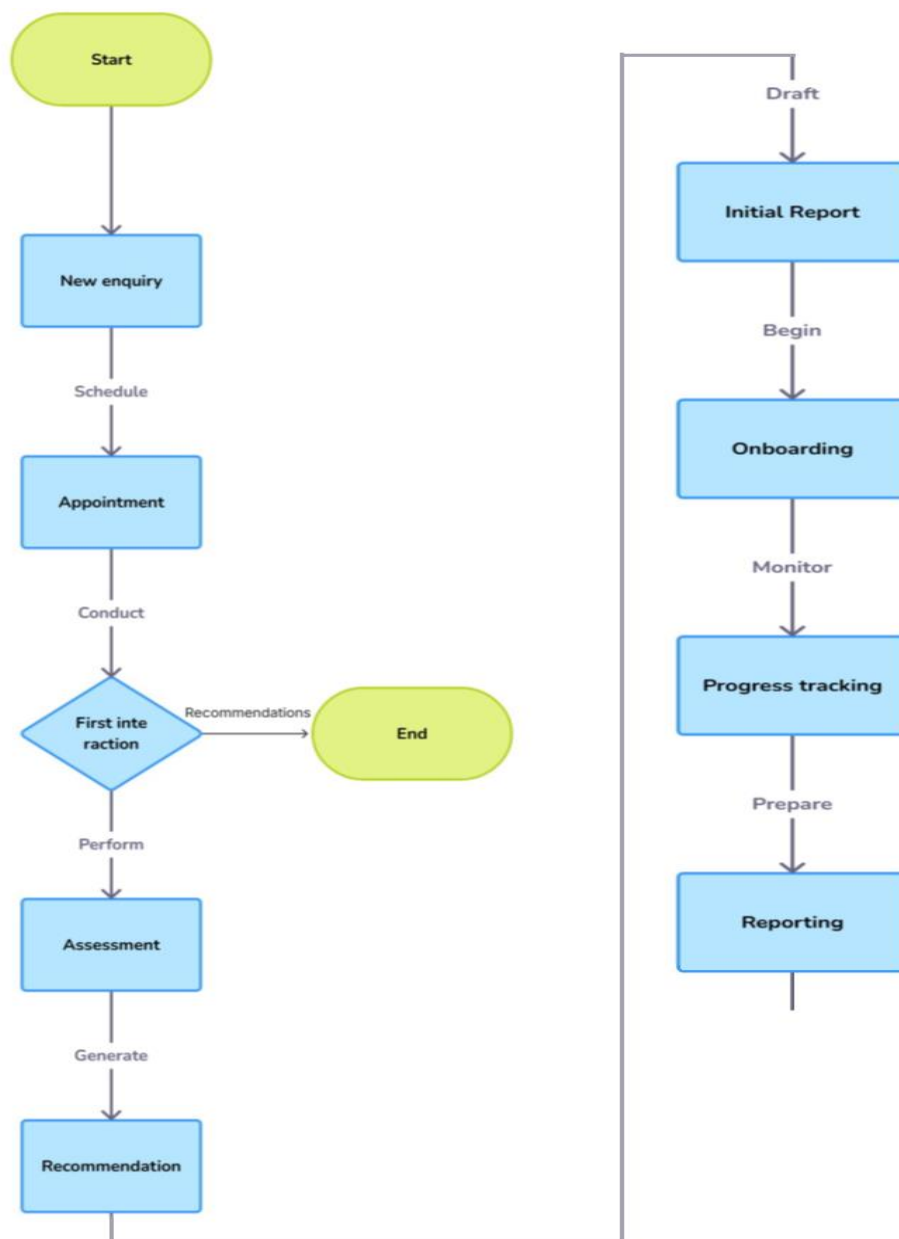
1. Visualizing the Lifecycle of an individual's journey with interactive dashboard.

2. Customized Reporting for Individuals/Programs with ease of sharing/publishing of such reports

3. Easy to Use & Intuitive Interface for users, including staff, volunteers & beneficiaries

Process Workflow

Process Workflow (continued)
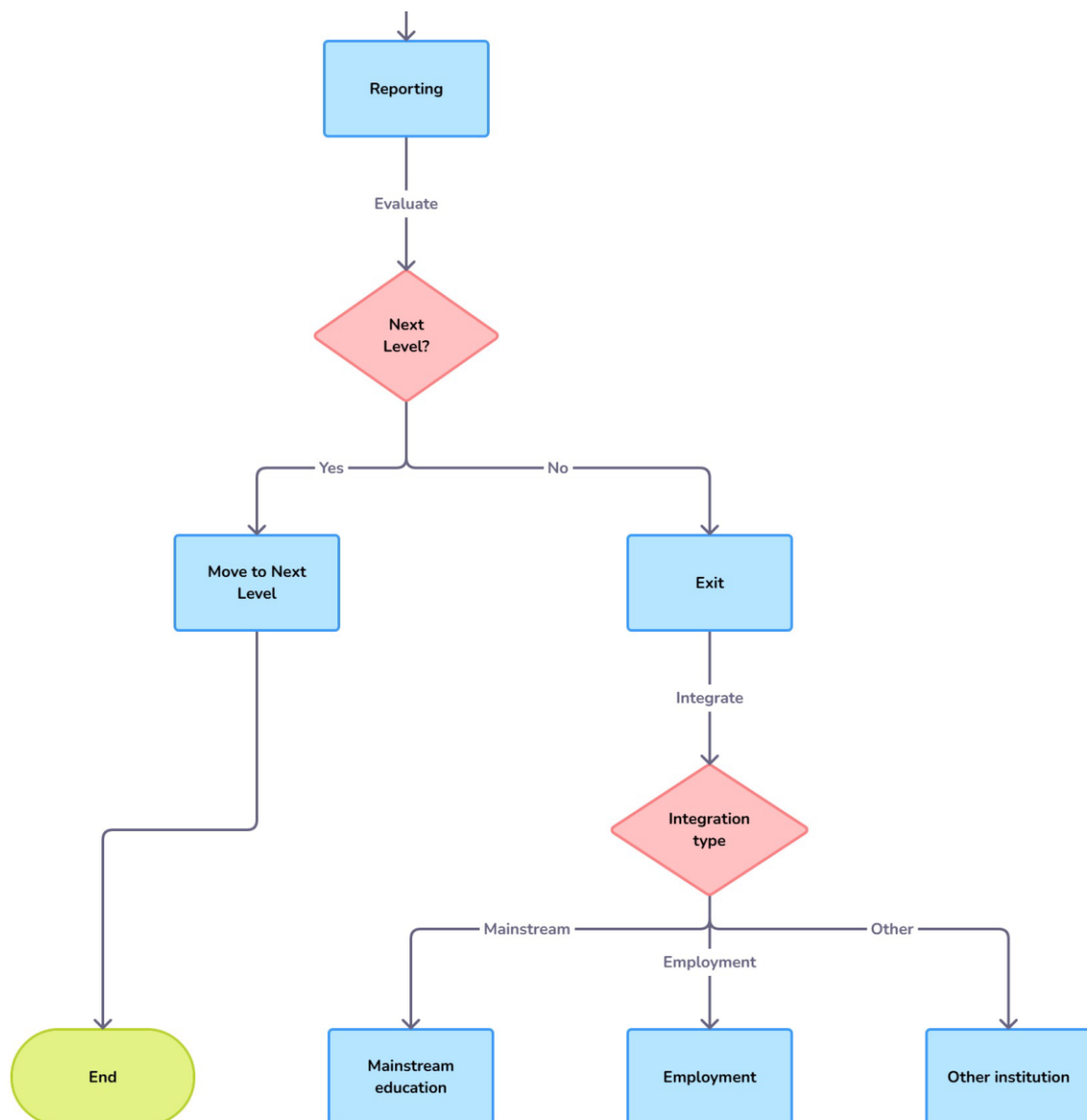
Judging Criteria:

Projects will be judged on the following criteria:

- Relevance
    - How fully has the team addressed the nonprofit's need/challenge?
    - To what extent does the technical prototype as well as the pitch address this need?
- Effectiveness & Feasibility
    - Does the solution address the challenge presented by the nonprofit?
    - How feasible will it be for the nonprofit to use and maintain the technical prototype?
- Technical Design & Code Completeness
    - How good is the design, user experience, and ease of use of the solution?
- Creativity & Innovation
    - How unique & innovative was the approach to solving the technical challenge?
- Social / Environmental Impact
    - Will the solution have a positive impact on the nonprofit and its stakeholders?