nURturing Dreams foundation - website

This document contains the overview of requirements for Nurturing Dreams Foundation website



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| **Sl. No.** | **Version** | **Date** | **Created By** | **Reviewed By** |
| 1. | V.01 | January 06, 2024 | Mr. Harsha K N |  |
| 2. | V.02 | January 09, 2024 | Mr. Harsha K N |  |

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# INTRODUCTION

Nurturing dreams foundation is an NGO to encourage all the budding dreams of students to be educated and empowered.

# OBJECTIVE

To develop a web application wherein interested students can register with the foundation for

* Financial aid - Scholarships programmes, educational loans
* Information on government initiatives

• Information on educational/financial institutions registered with the foundation

• Interact with counsellors/mentors for guidance

* Forum to discuss on topics with other students and mentors

Educational/financial institutions/donors can also register for programmes of the foundation in the web application.

# PERSONAS

Types of users logging in to web application:

* Students
* Admin
* Mentors
* Educational institutions
* Financial institutions
* Donors – corporate entities, individuals, government representatives, collaborators

# FUNCTIONAL REQUIREMENTS

1. **STUDENTS**

|  |  |  |
| --- | --- | --- |
| **#** | **Feature** | **Description** |
| 1 | Register | Registers with details like personal, contact details, educational status. A paragraph about themselves should be written and submitted by student. Admins will verify it and approve the registration.  Once registered, student will login using his email-id as username.  Registration fee should be collected through payment gateway. **[Q]** Should fee be collected during filling of application or after approval from admin?  During ask whether already availing scholarship. |
| 2 | Apply for scholarship | Student can see list of scholarships and apply for them.  Admin approve/reject application. Filter will be there for scholarship |
| 3 | Dashboard | View status of any scholarship application, details of that scholarship approved |
| 4 | Private discussion with mentor | Connect with a mentor and ask questions (Messenger/Chat). Only respective students/mentor can only see |
| 5 | Discussion forum | View and discuss in forum with other students and mentor (Public forum) |
| 7 | Update profile | Students should periodically update their profile with their education progress (exam results/marks).  6 months once notification for update (Red flag).  Connect with Admin for date extension.  Edit their details and documents (re upload) |

1. **ADMIN**

|  |  |  |
| --- | --- | --- |
| **#** | **Feature** | **Description** |
| 1 | Approve /reject registration applications of students /educational /financial institutions/donors/mentor | Verify and approve/reject applications submitted by students/educational/financial institutions/donors/mentor(mention expertise) |
| 2 | Approve/reject scholarship applications | Verify and approve/reject scholarship applications submitted by students |
| 3 | Manage registered users | Adding/removing of registered users |
| 4 | Dashboard | Showing total number of students, pending registration/scholarship approval requests |
| 5 | Discussion forum | View, create, close discussion topics in the forum  Discussion topics timeline, email notification to students |

1. **MENTORS/COUNSELLORS**

|  |  |  |
| --- | --- | --- |
| **#** | **Feature** | **Description** |
| 1 | Register | Submit application with details for registration. Will be registered once admin approves it. |
| 2 | Private discussion with student | Mentor can answer questions asked to him/her by the student |
| 3 | Discussion forum | View and discuss with students in forum on various topics created |

1. **EDUCATIONAL INSTITUTIONS**

|  |  |  |
| --- | --- | --- |
| **#** | **Feature** | **Description** |
| 1 | Register | Submit application with details for registration. Will be registered once admin approves it.  Registration fee should be collected through payment gateway. **[Q]** Should fee be collected during filling of application or after approval from admin? |
| 2 | View applied students | View list of students applied for scholarship in the educational institution |
| 3 | Dashboard | No. of students applied for the scholarship programme in their educational institution , students already under their educational institution |

1. **FINANCIAL INSTITUTIONS**

|  |  |  |
| --- | --- | --- |
| **#** | **Feature** | **Description** |
| 1 | Register | Submit application with details for registration. Will be registered once admin approves it.  Registration fee should be collected through payment gateway. **[Q]** Should fee be collected during filling of application or after approval from admin? |
| 2 | Dashboard | No. of students in the scholarship programme under their financial institution, students applied under their financial institution.  Admin will upload the scanned copy of receipt and donor can see. |

1. **DONORS - corporate entities, individuals, government representatives, collaborators/donors**

|  |  |  |
| --- | --- | --- |
| **#** | **Feature** | **Description** |
| 1 | Register | Submit application with details for registration. Will be registered once admin approves it.  Registration fee should be collected through payment gateway |
| 2 | Dashboard | No. of students under the scholarship from them |

1. **MISCELLENEOUS REQUIREMENTS**

* Email notifications should be sent to respective users on various stages of workflows during registration and scholarship application process

# STATIC WEBSITE PAGES

1. Home - About Us – Vision, Mission, Values
2. Our Team
3. Contact details
4. List of registered education institutions, financial institutions.
5. Financial aid programmes details page. Links to pages of the websites of financial institutions on details about their financial aid
6. Donors list

# TIME ESTIMATION FOR WEB APP AND STATIC WEBSITE

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| --- | --- | --- |
| # | Activity | Time (week/s) |
| 1 | Initial setup and collecting full user interfaces details(E.g. Registration form details, scholarships schema, static webpage content) | 1 |
| 2 | User registration and login workflow | 2 |
| 3 | Payment gateway integration | 1 |
| 4 | Scholarships management workflow | 1 |
| 5 | Dashboards for all user types | 1 |
| 6 | Student-Mentor discussion and forum workflow | 2 |
| 7 | Integration testing and bug fixing | 1 |
| 8 | Buffer | 1 |
|  | **Total** | **10** |