

General Guidelines for Presentation

- Slides should not be too heavy with content. Better to create point wise.
- If you require more than one slide for any point, right click on that point slide then select duplicate slide and modify the duplicated slide.
- Diagrams must be aligned at centre and clearly visible with caption.
- All the mentioned fonts, font size, title content, etc should not change and strictly as per the given format and guidelines.



PARSHWANATH CHARITABLE TRUST'S

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Data Science



Help Nest – Counseling System

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Project Guide

Ms. Richa Singh

Contents

- Introduction
- Objectives
- Scope
- Features / Functionality
- Project Outcomes
- Technology Stack
- Block Diagram if applicable
- Project Screenshots (Frontend)

1. Introduction

- **Help Nest** is a counseling system that connects juniors with seniors for career guidance.

Problem Identified:

- No structured mentorship for career and internships.
- No platform for anonymous, verified career advice.

Solution Proposed:

- To help them navigate various career-related doubts, including topics like career choices, internships, and personal development.

2. Objectives

1. To Connect Juniors with Seniors for career guidance.
2. To Provide a platform for mentorship and knowledge sharing.
3. To Ensure Juniors can ask questions anonymously.
4. To Organize questions by categories like Career and Internships.

3. Scope

1. Can be applied in **colleges, universities, and educational institutions** to facilitate mentorship.
2. Can be useful for **juniors** seeking career guidance and **seniors** willing to share their knowledge.
3. Can be used in **student development programs** to provide structured career assistance.
4. Can be integrated with internship and job portals for enhanced career support.

4. Feature /Functionality

1. Resource Sharing by Seniors

- Seniors can upload and share educational materials like PDFs, notes and guides.
- Juniors can Access and download shared resource for learning.

2. Admin Moderation & Content Management

- Admin can approve/reject questions before they are posted in the Q&A section.
- Ensures only Relevant and appropriate content is available to user2.

4. Feature /Functionality

3. Category-Based Question Organization

- Questions are categorized (e.g., Career, Internship, Personal Development) for easy navigation.

4. User Roles & Authentication

- Allows login and registration for Juniors, Seniors and Admins with Role-based access control.
- Ensures secure authentication and database storage of user credentials.

5. Outcome of Project

1. Users can **log in/register** with role selection (Junior, Senior, Admin).
2. Juniors can **ask questions** (anonymous/named), and seniors can **answer** them.
3. Users can **search and filter questions** by category.
4. Juniors can **book one-on-one sessions** with mentors.
5. Seniors can **accept/reject session requests** based on availability.
6. Juniors can **rate and give feedback** on mentor responses.
7. Seniors can **upload and share resources** (PDFs, notes).
8. Leaderboard ranks top mentors based on ratings.
9. Admins can **approve/reject questions** and **moderate content**.

6. Technology Stack

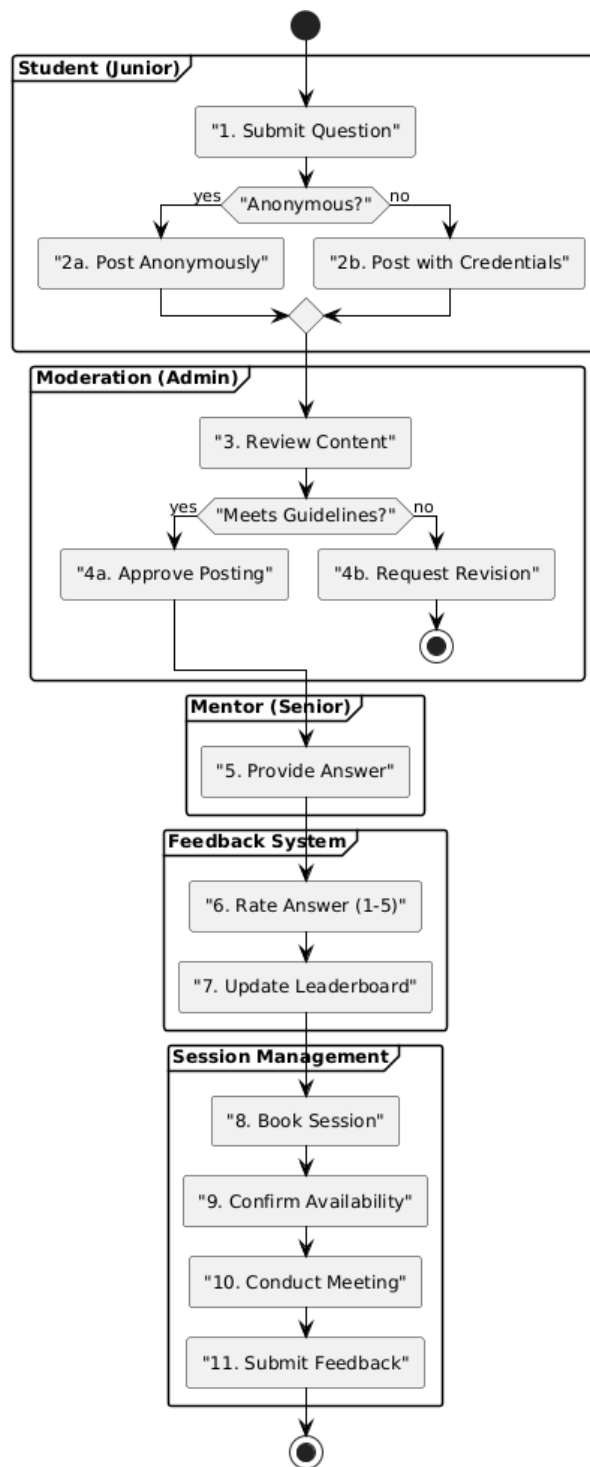
Frontend (GUI) :

- Developed using Python Tkinter for an interactive interface.

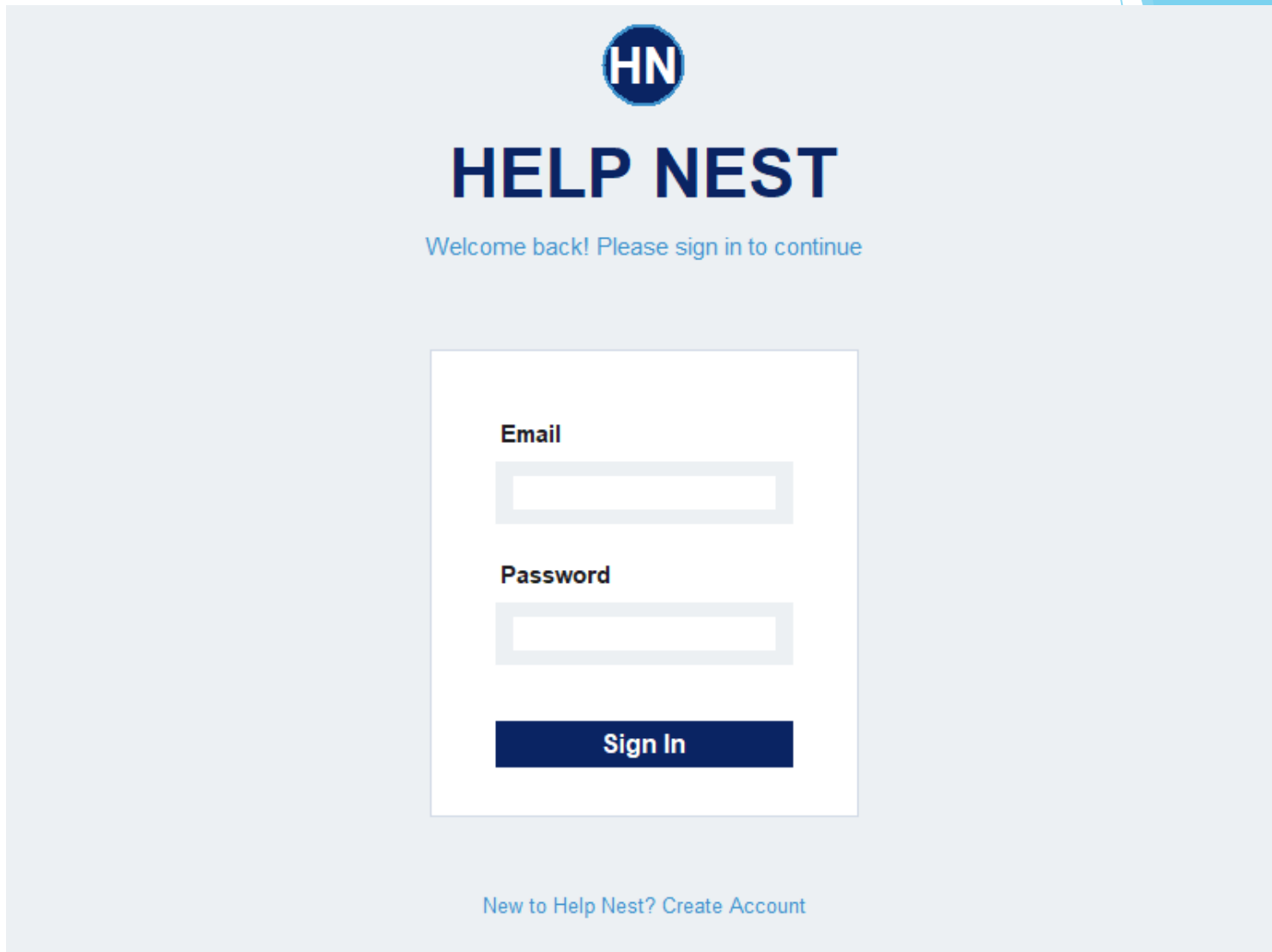
Backend (Database):

- MySQL as the database to store user information, questions, answers, ratings, bookings, and shared resources.
- Structured tables for users, questions, answers, sessions, ratings, and resources.
- Queries for login authentication, content moderation, and data retrieval.

7. Block Diagram



8. Screenshots Project



The image shows a login interface for 'Help Nest'. At the top center is a circular logo with the letters 'HN' in white on a dark blue background. Below the logo, the text 'HELP NEST' is displayed in a large, bold, dark blue sans-serif font. Underneath this, a smaller line of text in a light blue font reads 'Welcome back! Please sign in to continue'. In the center of the page is a white rectangular box with a thin grey border. Inside this box, the word 'Email' is positioned above a white input field with a light grey border. Below the email field, the word 'Password' is positioned above another white input field with a light grey border. At the bottom of the white box is a dark blue rectangular button with the text 'Sign In' in white. Below the white box, centered on the light grey background, is a link in light blue text that says 'New to Help Nest? Create Account'.

HN

HELP NEST

Welcome back! Please sign in to continue

Email

Password

Sign In

[New to Help Nest? Create Account](#)



CREATE ACCOUNT

Join Help Nest and start your journey

Full Name

Email Address

Password

Department

Year

Select Role

Create Account

[Already have an account? Sign In](#)

Session Monitoring

Monitor and manage active and reported sessions

[← Back to Dashboard](#)

Active Sessions ▾

Refresh

No sessions found

View Details

Resolve Issue

Cancel Session

Question Moderation

Review and moderate community questions

[← Back to Dashboard](#)

Pending: 3 Reported: 0

Refresh

Pending Questions

ID	Question	Category	Status	Date
15	What is Java?	Higher Studies	Pending	2025-03-07
13	dadasd	Internships	Pending	2025-03-05
12	dsdsa	Internships	Pending	2025-03-05

✓ Approve

✗ Reject

Admin Dashboard

Welcome back, Admin

[Logout](#)

Platform Analytics

Total Users

7

Active Sessions

0

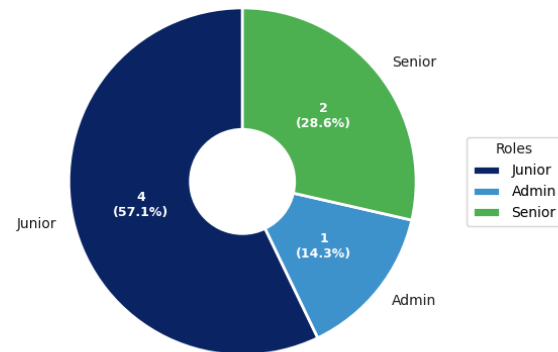
Questions

14

Resources

3

User Distribution by Role

[Manage Users](#)[Moderate Questions](#)[Monitor Sessions](#)[Manage Leaderboard](#)[Manage Resources](#)

Leaderboard

Top performing mentors

[← Back to Dashboard](#)

Rank	Name	Questions Answered	Average Rating
1	Abu	8	1.75

Refresh Leaderboard

Welcome to Help Nest!

Senior Mentor Dashboard

Status: Available 



Answer Questions

Help students with their career questions

[Open Answer Questions](#)



My Answers

View and manage your previous answers

[Open My Answers](#)



Mentoring Sessions

View and manage one-on-one sessions

[Open Mentoring Sessions](#)



Upload Resources

Share learning materials with students

[Open Upload Resources](#)

Pending Questions: 0 Answers Given: 0 Average Rating: - Pending Sessions: 0


[Refresh Dashboard](#)

[Settings](#)

[Logout](#)

Welcome, Tanmay!

Junior Dashboard

 Settings



Ask a Question

Get help from experienced mentors

Open Ask a Question



My Questions

View and manage your questions

Open My Questions



View Resources

Access study materials shared by mentors

Open View Resources



Book a Session

Schedule one-on-one mentoring

Open Book a Session

Refresh Dashboard

Logout

Thank You...!!