

CommunityNest (Community Management Platform)



Name: Bristina Prajapati University Id: 2330707 Supervisor: Bishal Pradhan Reader: Raj Pradhan

Introduction

CommunityNest is an all in one collaborative platform designed to smoothen community management by providing a centralized space for interaction, organization, and coordination. The purpose behind the development of this system was to address the inefficiencies and fragmentation caused by using multiple disconnected tools for tasks like file sharing, event planning, and communication within community.

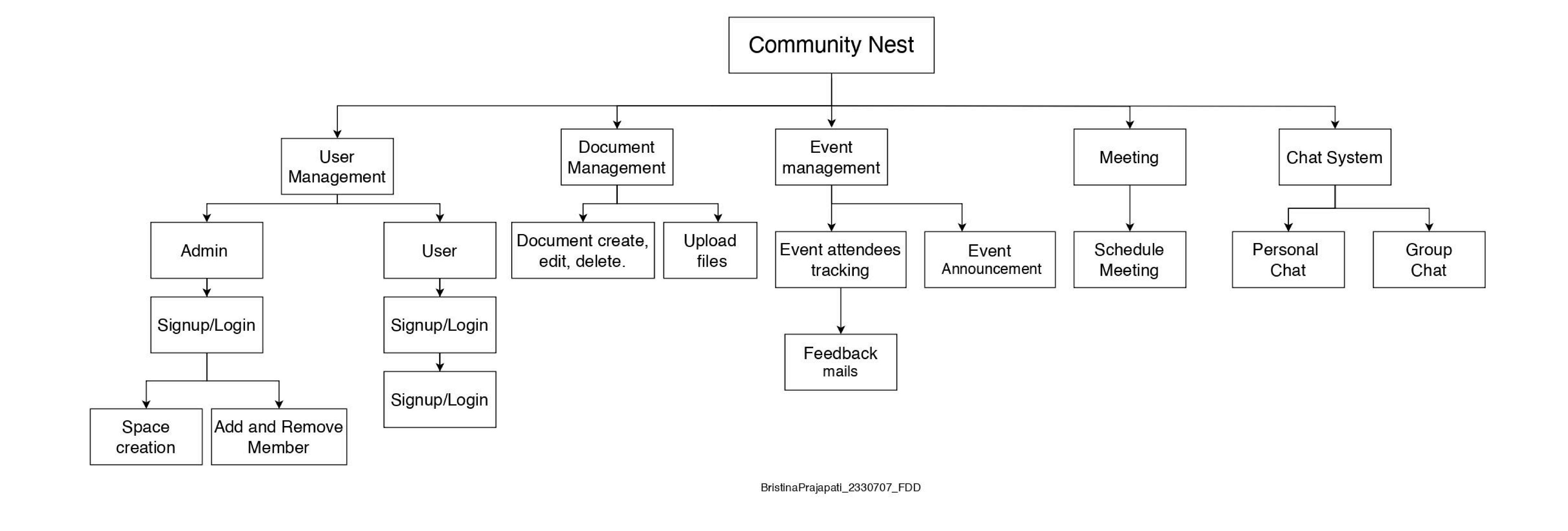
The system allows users to create dedicated community spaces and manage documents securely. It allows users to easily schedule Google Meet sessions for all community members, with the option to join directly from within the platform. Beside this, it allows members to communicate effectively through chat system. The application also consists of event management features that allow users to handle registrations, track attendees and send feedbacks easily. Additionally, it lets the admins to publish / announce events which can be visible to every user within the platform. And, it also allows admins to circulate important notice to their members. Therefore, the system CommunityNest has empowered community members to collaborate more effectively, ensuring structured workflows, better engagement, and seamless communication within a single unified application.

Research Evidence

Advancements and Challenges in Online Event Management Systems: A Critical Review of Research Findings and Methodologies	It present insights on the evolution and effectiveness of online event management systems in this digital age. It highlights the impacts of web-based applications on event planning and management focusing on the features like attendees coordination, budgeting, scheduling and stakeholder communication. These systems are shown as the centralized platform that streamlines the event processes. They automate repetitive tasks and allows collaboration among people.
Study of Technology Support for Collaborative Work	The research presents evolution of the collaboration technologies within organizations highlighting how collaboration technologies have transformed work processes and overcome challenges that organizations face in assembling the collaboration platforms. The study shows the importance and need for such collaborative platforms to grow and overcome the common challenges. These shows the need for creating an effective collaboration and communication tool that are easy to work with and can support many activities in one.
Role of Document Management Systems in Enhancing Collaboration and efficiency in Digital Platform	The study highlights the concepts of document management system (DMS) and provides analysis of electronic document management (EDM) and their importance in the organizations. It explains the lifecycle stage of documents from creation of a document to storage and its retrieval, collaboration and deletion. The report has highlighted the key stages such as management/storage, document access, annotation and security as a significant factors for effective functioning od DMS.

Aims and Objectives

- Provide a platform where users can create private spaces for community interaction and structured collaboration.
- Improve communication and collaboration by providing features like personal and group chats, Google Meet scheduling, and announcement tools that keep members informed and connected.
- Simplify event management tasks like registration, tracking attendees, and sending emails.



Gantt Chart

Research on FYP

Gantt Chart- CommunityNest

9/1/2024 10/21/202412/10/2024 1/29/2025 3/20/2025 5/9/2025

Testing

- Black Box Testing
- Usability Testing

Project Management Tool

Basecamp

