



# NEXT GEN EMPLOYABILITY PROGRAM

Creating a future-ready workforce

Team Members

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VIVEKANANDHA COLLEGE OF  
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# CAPSTONE PROJECT SHOWCASE

Project Title

**Notes Sharing Web Application using Django Framework**

Abstract | Problem Statement | Project Overview | Proposed Solution |  
Technology Used | Modelling & Results | Conclusion



## Abstract

Key features will include user authentication and authorization to ensure data security and privacy, a rich text editor for creating and formatting notes, tagging and categorization functionalities for efficient organization, version control to track changes and revisions, and sharing options to collaborate with other users or teams. The proposed application will offer users the ability to create, organize, share, and collaborate on notes and documents in real-time

## Problem Statement

The application should provide a user-friendly interface for organizing and accessing notes efficiently, while also ensuring data security and privacy. Develop a web application that allows users to create, manage, and share notes with others collaboratively.

By addressing these key features and considerations, the notes sharing web application built with Django will provide users with a secure, user-friendly platform for managing and sharing their notes effectively

## Project Overview

The Notes Sharing Web Application is a platform designed to facilitate the sharing and collaboration of notes among users. It provides a centralized space for users to create, manage, and share their notes securely. The application aims to enhance productivity and collaboration by allowing users to work together on creating and editing notes in real-time.

The Notes Sharing Web Application offers a feature-rich platform for users to collaborate on note-taking and sharing tasks. With its robust security measures, intuitive user interface, and scalable architecture, the application aims to streamline productivity and foster collaboration among users.

## Proposed Solution

The proposed solution is to develop a web application using the Django framework that allows users to create, share, and collaborate on notes in real-time. The application will provide a seamless and intuitive platform for individuals and teams to organize their ideas, share information, and work together effectively.

By implementing this proposed solution, we aim to deliver a robust and user-friendly notes sharing web application that meets the needs of individual users and collaborative teams, providing a seamless platform for organizing, sharing, and collaborating on notes effectively.

## Key Features

User Registration and Authentication

Note Creation and Management

Collaborative Note Sharing

Version Control and Revision History

Search and Filtering

Cross-Platform Accessibility

## Technology Used

### FrontEnd



### BackEnd





## Modelling & Results

Fields: username, email, password, date\_joined, last\_login

Relationships: One-to-many with Note model

Users can register for an account with a username, email, and password.

Authentication system ensures secure access to the application's features.

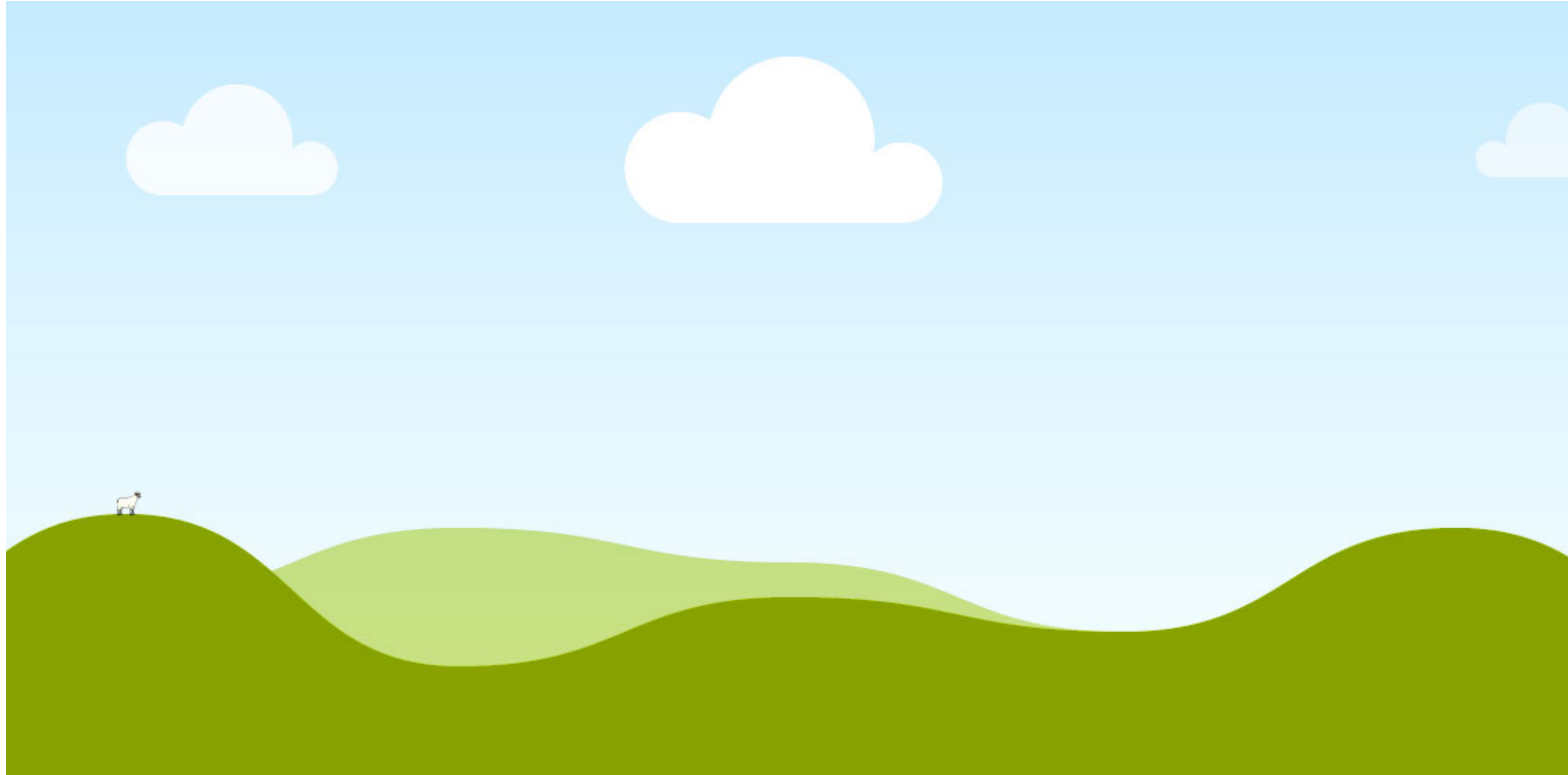
Notes are stored securely in the database and associated with the user who created them.

Users can update, delete, and organize notes into folders.

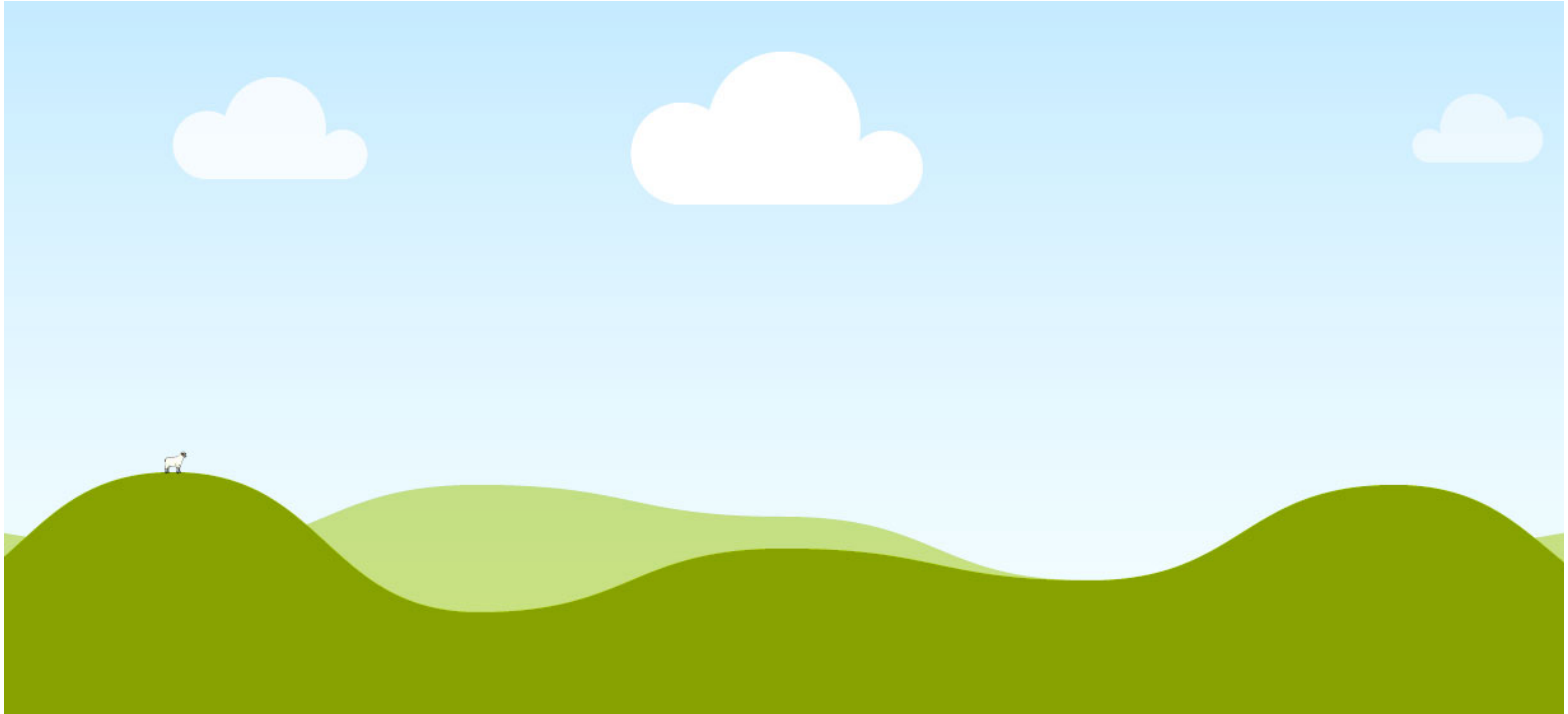
Sharing options include granting view-only or edit access to shared notes.

Collaborators can leave comments or suggestions on shared notes

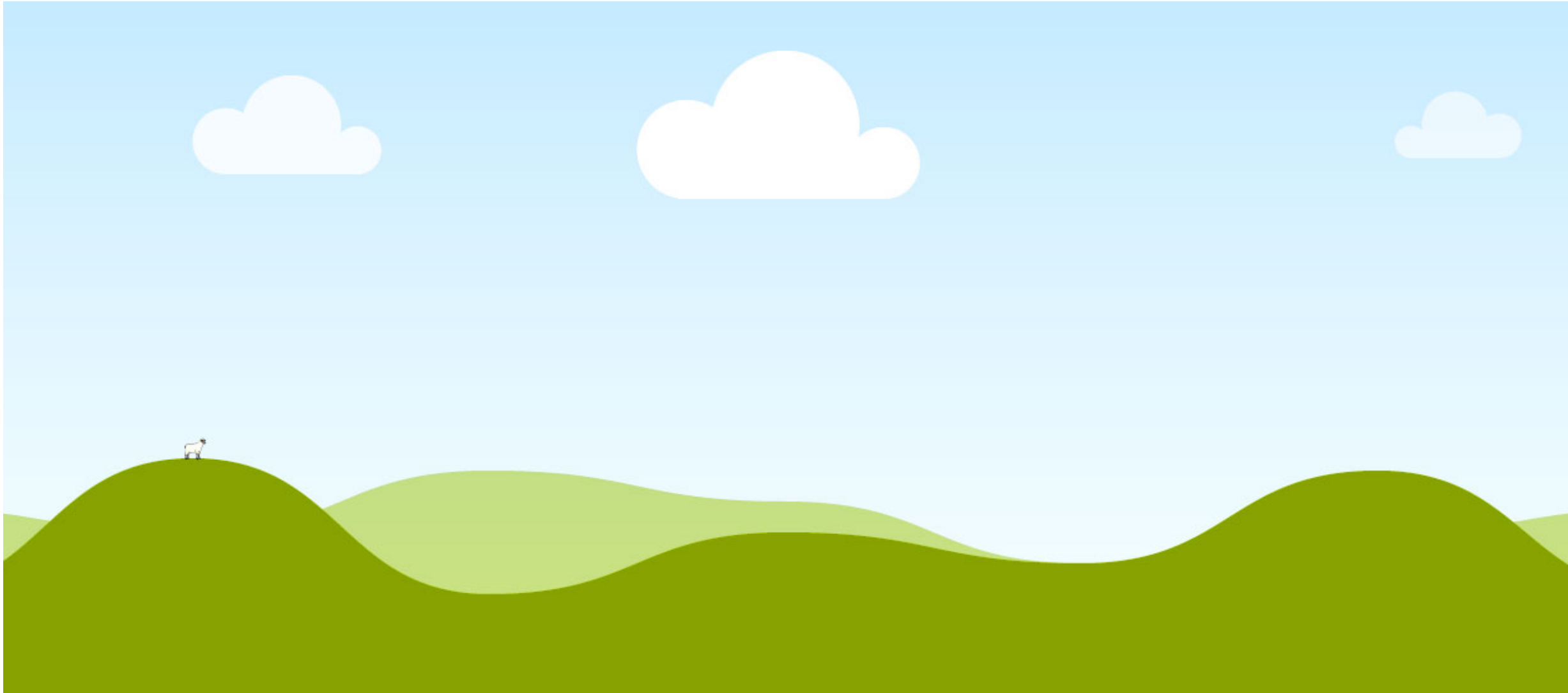
## Homepage



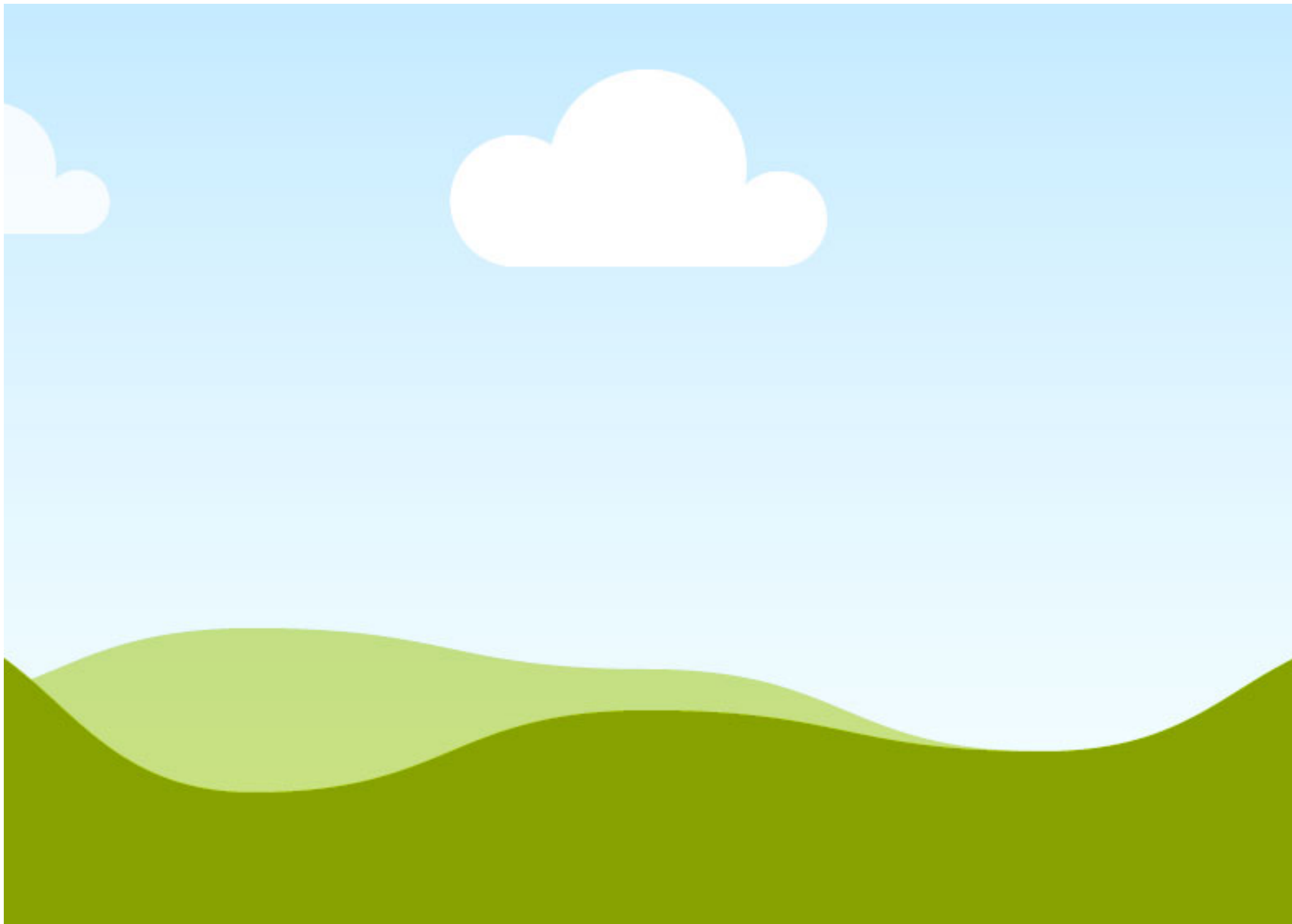
# About us page



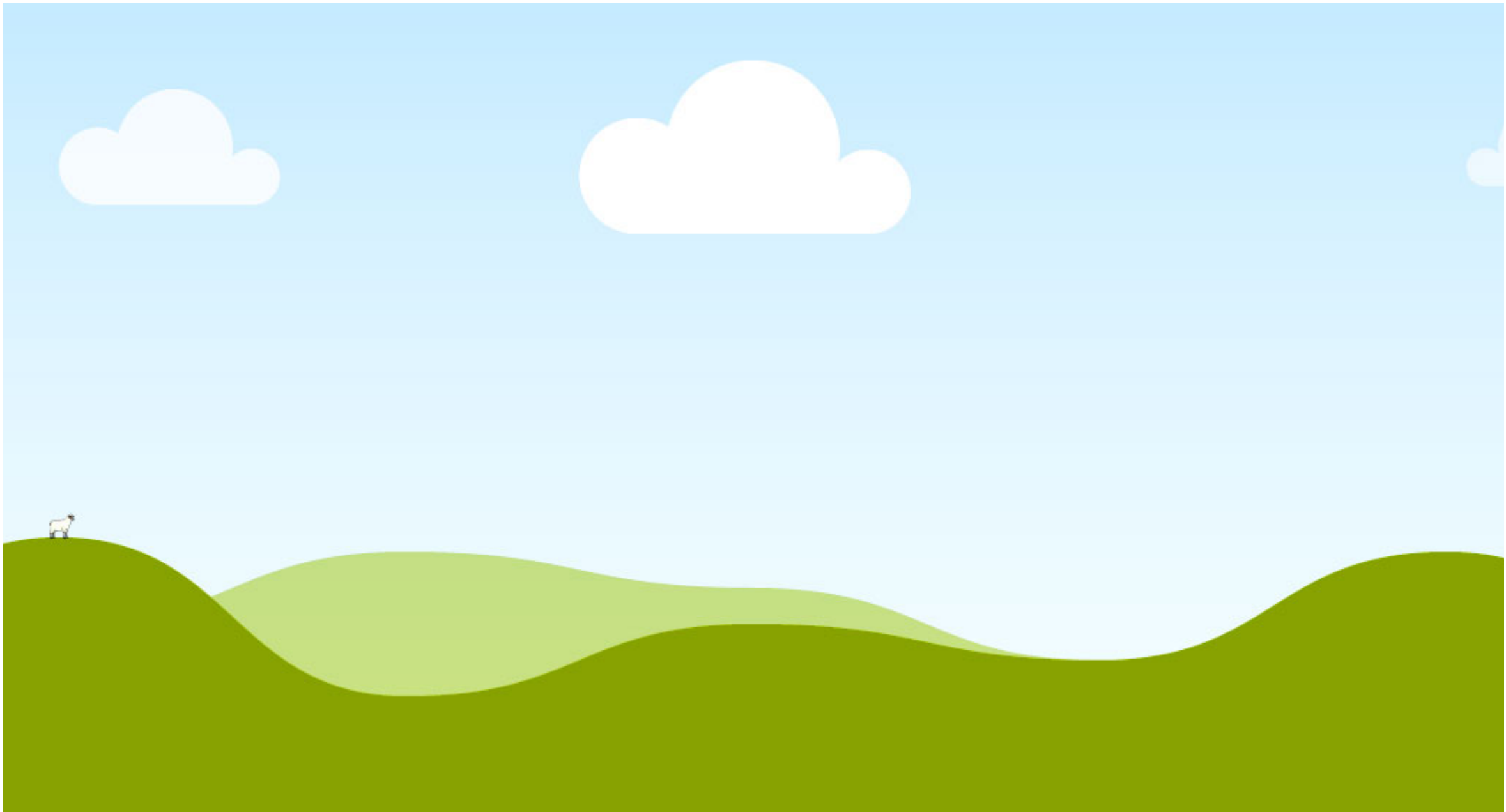
Login page



# Files Uploading Page



# Files Deleting Page



## Future Enhancements:

**Real-Time Collaboration:** Implement real-time collaboration features, allowing multiple users to edit a note simultaneously and see changes in real-time, similar to Google Docs.

**Rich Media Support:** Enhance note-taking capabilities by supporting the embedding of images, videos, audio files, and other rich media content within notes.

**Integration with External Services:** Integrate the application with external services such as Google Drive, Dropbox, or Evernote, allowing users to import/export notes seamlessly.

**Notifications and Alerts:** Implement notification features to alert users about new shared notes, comments on their notes, or upcoming deadlines associated with notes.

## Conclusion

In conclusion, the Note Sharing Web Application presents a robust solution for individuals and teams seeking to streamline their note-taking processes, enhance collaboration, and improve productivity. Through its user-friendly interface and comprehensive feature set, the application addresses key challenges associated with managing notes across different platforms and devices.

By providing users with centralized access to their notes, the application promotes organization and efficiency. Users can easily create, store, and manage notes, categorizing them into folders or tags for better organization. The ability to share notes with others fosters collaboration and teamwork, allowing users to work together on projects, tasks, and study materials.



# Thank You!!