Recspicy Project PowerPoint

# Slide 1: Recspicy User Guide!

* Welcome to Recspicy a website for recipe searching, creation, and meal planning.
* Created by: James McGugian & Steven Foster.

# Slide 2: Who We Are

* We created Recspicy to simplify recipe and meal planning online.
* Our Goal is a platform that is easy to access and manage.
* Our intention is to make cooking and sharing recipes easy for everyone.

# Slide 3: What We Made

* Recspicy has been developed to be a user-friendly recipe management and meal planning website.
* It’s designed for easy navigation, customization, and privacy.
* Users can create, store, and share recipes, as well as plan meals.

# Slide 4: Why Recspicy?

* Existing recipe sites are often cluttered and hard to use.
* We wanted a platform focused on user engagement and privacy.
* Recspicy encourages users to build profiles, create meal plans, and share recipes comfortably.

# Slide 5: Project Goals

* Our aim is to go beyond just searching and printing recipes.
* We want users to engage, save family recipes privately, and share creations with the community.
* Recspicy supports efficient recipe management and enjoyable meal preparation.

# Slide 6: System Overview

* Recspicy is built with HTML, CSS, and JavaScript on the frontend.
* The backend uses Node.js and Express, with MongoDB/Atlas for data storage.
* Our RESTful architecture allows for secure, scalable, and dynamic interaction with our database and frontend.

# Slide 7: Document Overview

* This user guide supports users, developers, and administrators.
* It includes technical details, navigation instructions, and best practices.
* Screenshots and diagrams help clarify key processes and concepts.

# Slide 8: System Description

* Recspicy uses a client-server architecture for a smooth user experience.
* We offer secure user authentication, including Google SSO.
* Administrative tools and analytics ensure ongoing improvement and safety.

# Slide 9: Key Features

* User authentication with profile creation and updates.
* Recipe management: create, edit, search, and organize.
* Meal planner, favorites system, admin dashboard, and JWT security.

# Slide 10: Software & Hardware Requirements

* Recspicy runs on any standard web browser with internet access.
* Developers need Node.js, MongoDB, and about 2GB RAM for large databases.
* We use GitHub for version control and RESTful APIs for communication.

# Slide 11: Accessing the System

* Go to [https://recspicy.onrender.com](https://recspicy.onrender.com/) to access Recspicy.
* New users can register securely and verify their email.
* Admins have special access to analytics and management tools.

# Slide 12: System Organization & Navigation

* The interface is clear and easy to use for all users.
* Main navigation includes landing, authentication, dashboard, and recipe management.
* Consistent layouts and accessibility features enhance the user experience.

# Slide 13: Operational Scenarios

* New users create accounts and set up profiles.
* Regular users search, create, and plan recipes, sharing them as desired.
* Admins manage users, handle support, and ensure privacy and security.

# Slide 14: Who Did What

* Jimmy developed the frontend, focusing on UI and navigation.
* Steven handled the backend, including server, API, and database management.
* Both worked together to connect the frontend and backend for seamless user experiences.

# Slide 15: Website Manual

# Slide 16: Website Manual Home Page

* The home page acts as a personalized dashboard, providing users with tailored content based on their preferences and activity history.
* Recipe recommendations consider dietary restrictions and past favorites, while meal planning widgets display upcoming preparations and shopping needs.
* The activity feed keeps users informed about recent updates and contributions from friends.

# Slide 17: Website Manual – Recipe Display

* The recipe display page presents all the details of a selected recipe in an organized and interactive format.
* Ingredients are listed with checkboxes for tracking preparation progress, and step-by-step instructions include timers and progress indicators.
* Users can print or export recipes for offline use, and view ratings, comments, and nutritional information.

# Slide 18: Website Manual – Recipe Search

* The recipe search feature allows users to find recipes using a variety of criteria, including ingredients, cooking time, and difficulty level.
* Autocomplete suggestions and voice input help users quickly enter search terms, and recent or saved searches can be accessed for convenience.
* Search results update dynamically as filters are applied, making it easy to locate specific recipes.

# Slide 19: Website Manual – Favoriting System

* Users can bookmark and organize their favorite recipes into customizable collections.
* Collections can be labeled, shared, and even set up as smart collections that automatically include matching recipes.
* Favorites sync across devices via cloud storage, and export options are available for use in other applications.

# Slide 20: Website Manual – Meal Planner

* The meal planner provides an interactive calendar for scheduling meals and managing weekly plans.
* Users can drag and drop recipes to specific dates, automatically generating shopping lists from planned meals.
* Family meal plans can be shared, and preparation reminders help users stay organized and meet dietary goals.

# Slide 21: Website Manual – Admin Analytics & Support

* Administrators have access to analytics dashboards tracking usage, popular recipes, and system performance.
* User management tools allow for account moderation, privilege assignment, and content review to ensure a safe environment.
* System configuration, backup, and restore functions help maintain platform reliability and data security.