





No	Category	Feature	Description	Implementation Status	Estimated Cost (Excluding Backend/Server Fees)
1.a	User Authentication	Register, Login, Logout (Traditional)	Enables users to create an account, log in, and log out securely using HTTP-only cookies & JWT tokens.	☑ Implemented	-
1.b	User Authentication	Social Register & Login	Allows users to sign in using their social media accounts via OAuth2 (Google, Facebook, Apple). This enhances convenience and security compared to traditional logins.	✗ Not implemented yet	-
1.c	User Authentication	Passkey Register & Login	Provides biometric authentication options (Face ID, Fingerprint) for a more secure and seamless login experience.	✗ Not implemented yet	-
1.d	User Authentication	2FA	Allow business owners to enable 2FA for their account to further secure it from unwanted guests. This may be through an authenticator app, text message, etc.	✗ Not implemented yet	-SMS Pricing (TBD)

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1.e	User Authentication	Forgot Password	Allow business owners to easily regain access to their account if they happen to forget password credentials. This allows the users to regain access without having to go through customer support by sending them an email to reset their password.	✗ Not implemented yet	-Email API Pricing (TBD)
2.a	Businesses Management	General Settings	Allows business owners to configure basic settings such as name, logo, business category, target customer, and business branding or vibe.	⚠ Partial implementation The backend is connected, but frontend form submission and updates (including image uploads) are pending.	-
2.b	Businesses Management	Display Dashboard	Provides an overview of key business metrics.	☑ Implemented The backend is fully integrated, but minor data adjustments are needed.	-

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2.c	Businesses Management	Google Maps Integration	Automatically retrieves business details (name, logo, category) from Google Maps API when a Place ID is provided, reducing manual input. In the future, this data may also be used for AI-powered post creation, business insights, or AI-driven promotion suggestions using customer reviews, busy hours, or foot traffic trends.	✗ Not implemented yet	Google Maps API Cost (TBD)
2.d	Businesses Management	Sales Data	Allows businesses to upload bulk sales data for AI-powered post creation or AI-driven promotion suggestions	✗ Not implemented yet Backend integration is required.	-
3.a	Social	Social Media Integration	Enables businesses to link their social media accounts for automated post publishing and analytics tracking.	✗ Not implemented yet	Social Media API Cost (TBD)

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4.a	Post Management	Fetch Posts	Retrieves stored posts from the database and displays them on the frontend. Future updates will integrate with social media APIs for live post fetching.	 Partial implementation	Social Media API Cost (TBD)
4.b	Post Management	Fetch Scheduled Posts	Allows users to create posts in advance and schedule them for automatic publishing at a later time. Posts are stored in the database and displayed via the backend.	 Implemented	-
4.c	Post Management	Auto-Posting	Enables scheduled posts to be automatically published on linked social media platforms using APIs.	 Not implemented yet	Social Media API Cost (TBD)
4.d	Post Management	Edit Scheduled Post	Allows users to modify scheduled posts, including images, captions, and publishing times, before they go live.	 Not implemented yet	-

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4.e	Post Management	Republish Failed Post	Provides a retry mechanism for posts that failed to publish due to API errors or platform restrictions. Uses the same logic as 4.b Scheduled Post.	-	-
4.f	Post Management	Multi-Platform Publishing	Allow users to be able to publish their finalised content multiple accounts at once, for example Instagram, Facebook, Twitter/X.	✗ Not implemented yet	Social Media API Cost (TBD)
4.g	Post Management	Discord Webhook	Allow users to have a discord server that sends post notifications when a post goes live, when comments are made, etc.	✗ Not implemented yet	-Discord Webhook Pricing (TBD)
4.h	Post Management	Comment Interaction	Allow users to directly view and interact with comments from the website itself to avoid having to load up all the different social media sites	✗ Not implemented yet	-Social Media API Cost (TBD)
5.a	AI-Powered Post Creation	UI	User interface for AI-powered post creation.	☑ Implemented	-

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5.b	AI-Powered Post Creation	Image Analysis	Uses AI to analyse uploaded images and identify their content. This information can then be used to generate relevant hashtags, captions, and keywords for social media optimization. Method 1: ChatGPT API Method 2: FastAPI + Pre-trained Open source Model	✗ Not implemented yet	Method 1: ChatGPT API Cost (TBD) Method 2: FastAPI Server Cost (TBD)
5.c	AI-Powered Post Creation	Caption Generation	Same as above	✗ Not implemented yet	Same as above
5.d	AI-Powered Post Creation	Tag Generation	Same as above	✗ Not implemented yet	Same as above
5.d	AI-Powered Post Creation	Post	Uses the same logic as 4.b Scheduled Post.	-	-

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6.a	AI-Driven Promotion Suggestions	Make Deal or Combo	Analyses sales data to suggest personalised promotions, discounts, or combo deals based on past customer purchasing behavior. Method 1: ChatGPT API Method 2: Apriori Algorithm (Frequent Pattern Mining, Market Basket Analysis)	✗ Not implemented yet	Sales Dataset Cost (TBD) Method 1: ChatGPT API Cost (TBD) Method 2: FastAPI Server Cost (TBD) + Managing ML Model (TBD)
6.b	AI-Driven Promotion Suggestions	Identify Low-Selling Products	Detects products with low sales performance and suggests pricing adjustments or promotions. Method 1: ChatGPT API Method 2: Time-Series Sales Analysis (ARIMA, Seasonal Decomposition)	✗ Not implemented yet	Same as above

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6.c	AI-Driven Promotion Suggestions	Promote Best-Selling Products	Identifies trending or high-performing products and suggests targeted marketing campaigns. Method 1: ChatGPT API Method 2: Sales Performance Analysis (Moving Average, Trend Detection)	✗ Not implemented yet	Same as above
6.d	AI-Driven Promotion Suggestions	Trend Prediction from Social Media Posts	Uses AI to analyze social media trends and recommend relevant marketing strategies. Method 1: ChatGPT API Method 2: Competitor Analysis with NLP (Topic Modeling, Named Entity Recognition), Social Media Trend Detection (Hashtag Analysis, Sentiment Analysis)	✗ Not implemented yet	Need to check Social Media API request limits & pricing Method 1: ChatGPT API Cost (TBD) Method 2: FastAPI Server Cost (TBD) + Managing ML Model (TBD)



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6.e	AI-Driven Promotion Suggestions	Weather Data	Suggests marketing strategies based on weather patterns. Method 1: ChatGPT API Method 2: Weather-Based Recommendation System (Time-Series Forecasting)	✗ Not implemented yet	OpenWeather API Cost (TBD) Method 1: ChatGPT API Cost (TBD) Method 2: FastAPI Server Cost (TBD) + Managing ML Model (TBD)

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7.a.	Collaboration Features	Real-Time Collaboration	<p>Enables multiple users (e.g., chefs, managers) to collaboratively edit the menu in real-time, with changes automatically synced across all devices. Includes version control to track and restore previous versions of edits. A commenting and feedback system is also provided for effective team communication.</p> <p>Method 1: WebSockets for real-time data synchronization</p> <p>Method 2: Supabase (PostgreSQL with real-time updates) or PouchDB (for local offline-first syncing and database collaboration)</p>	✗ Not implemented yet	<p>1. WebSockets: Free (unless using a service to manage connections, such as a hosting provider). 2. For Supabase: \$0 - \$25/month (depending on usage, free tier or paid Pro tier). 3. For PouchDB: Free (if used locally with no external syncing service).</p>
7.b.	Gamified Onboarding	User Experience	<p>Enhancements</p> <p>Implements a gamified approach for onboarding, guiding users through platform setup with interactive challenges. As users complete</p>	✗ Not implemented yet	<p>1. Gamification Libraries &amp; Frameworks: Free (Open Source)</p> <p>2. Frontend Development (UI Frameworks like React/Vue.js): Free (Open Source)</p> <p>3. Backend</p>

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			setup steps (e.g., adding a dish, customizing a layout), they earn points, badges, or progress to the next stage, making the process engaging and accessible.		(Supabase/PostgreSQL): Free (Open Source) Hosting (Heroku, Netlify, Vercel): Free (with some limits on usage)
			Gamification Libraries & Frameworks: Gamification (Node.js): Open-source framework for managing points, badges, and leaderboards. OpenBadges: Open-source standard for creating and issuing digital badges. Frontend Development (Interactive UI): React/Vue.js: Free, open-source frameworks for building engaging UIs. Backend (Optional, for tracking progress): Supabase: Open-source real-time database with authentication. PostgreSQL: Free, open-source relational database. Node.js with Express:		

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			Open-source backend framework for user data management.		
			Hosting (Optional): Heroku (free tier): Hosts small-scale apps with databases for free. Netlify/Vercel (free tier): For frontend hosting.		