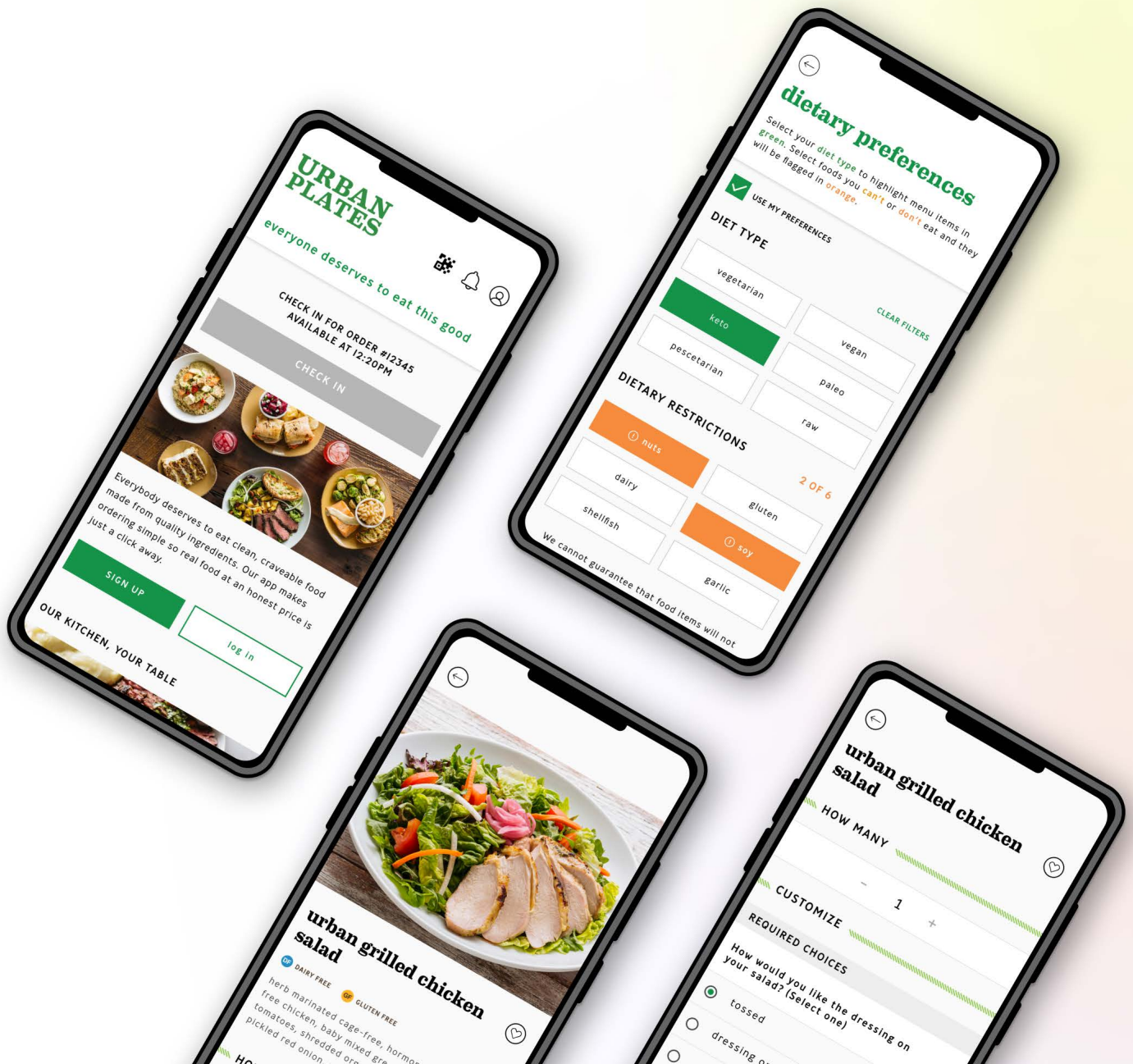




CITRUSBITS CHECKLIST

Food app checklist: critical “ingredients” to consider



As busy as our lives can be, it's not surprising that millions of people today are turning to mobile apps for added convenience in many aspects of their lives. One of the highest growth areas has to do with keeping our bellies happy: namely, restaurant apps

(Starbucks, McDonalds), meal prep & recipes (FullyRaw), and meal delivery services (UberEats, DoorDash).

For example, the entire online food delivery market is expected to grow to almost \$200B by 2025 (Frost & Sullivan). UberEats alone delivers more than one billion meals per year.

If you're looking to capitalize on this growing market opportunity by building a food app, you're in the right place. We've put together a checklist to help you understand many of the important considerations for building a successful food app.



Tick the ingredients you want to add to your food app.

Note: You may tick all or multiple options where required.

1. What kind of food app are you looking to build?

I want to build

☐ **A Restaurant App** (for a single restaurant, for loyalty programs, ordering ahead, meal delivery, etc.)

☐ **A Food/M Meal Delivery App** (connects consumers with multiple restaurants they can then order delivery from)

☐ **A Recipe or Meal Prep App** (helps consumers prepare food or plan meals themselves)

2. What features do you want in your food app?

Core Features of a Food / Restaurant / Delivery App

Note: Don't get confused! Depending on the type of app you're building, you may require three versions of a Food / Restaurant app: **Admin Version**

(Restaurant Owner/Business owner), Consumer version, and a Delivery Personnel version.



Now, tick the features one by one!

2.1 Feature Selection for the Consumer Version

Select the features that sit well with your restaurant, meal prep, or delivery app idea.

- ☐ **Registration**
- ☐ **Search & Filter Recipes**
- ☐ **Search & Filter Food Items**
- ☐ **Search & Filter Restaurants**
- ☐ **Digital Menu** (Including photos and detailed info)
- ☐ **Customized Grocery Lists**
- ☐ **Automated Grocery Lists**
- ☐ **Nutrition Information on Food Items & Recipes**
(best to add to your meal prep app)
- ☐ **Table Reservation**
- ☐ **Cooking Mode** (recommended for meal prep apps)
- ☐ **Simple Drag & Drop to Plan Meals**
- ☐ **Order Placement** (for takeout orders / delivery)
- ☐ **Follow & Share Meal Plans / Recipes**
- ☐ **Pre-loaded Meal Plans for Special Diets**
- ☐ **Pre-set Meal Plans**
- ☐ **Calorie Count**
- ☐ **Pre-set Meal Plans**
- ☐ **Calorie Count**
- ☐ **Diet Plans** (weight loss / gain)
- ☐ **Customized Meal Plans**

- ☐ **Social Media Sharing**
- ☐ **Streaming & Saving Video Recipes**
- ☐ **Payments** (order payments & tips)
- ☐ **Loyalty Program & Promotions** (special offers and deals, coupons, etc.)
- ☐ **Call Restaurant / Driver (& Track Driver)**
- ☐ **Customer Support** (In-app Chat for Complaints & Suggestions)
- ☐ **Push Notifications** (location- or context-aware offers, and timely updates on the order status)
- ☐ **Add to Cart**
- ☐ **Booking a Place**
- ☐ **Setting Location & Tracking Order**
- ☐ **Reporting Returns**
- ☐ **Multiple Payment Options**
- ☐ **Order History**
- ☐ **Transaction History**
- ☐ **Others**_____

2.2 Features for Delivery Personnel Version:

Note: If you're building an “**order / delivery app**”, it will have a delivery personnel or the driver-side version of the app.

- ☐ **Registration / Making a Profile**
- ☐ **Access to Data for Managing Orders**
- ☐ **Maps & Locations**



- ☐ **Trip Information & Navigation**
- ☐ **Route Optimization**
- ☐ **Contact Information**
- ☐ **Start/End Trip**
- ☐ **Navigation & GPS Tracking**
- ☐ **Wallet Feature (for payments & commissions)**
- ☐ **Status Update** (Approved/Disapproved, Order Picked, Order Completed /Delivered)
- ☐ **Booking History**
- ☐ **Contact the Customer / Restaurant Feature**
- ☐ **Reporting Returns**
- ☐ **Others**_____

2.3 Features for Admin version of app

Keep in mind what an administrator would want to know.

- ☐ **Admin panel / Dashboard** (for insights)
- ☐ **Global & Selective Push Notifications**
- ☐ **User Analytics**
- ☐ **Fully Customizable Database**
- ☐ **Image Gallery**
- ☐ **User Management** (Manage user's roles & permissions)
- ☐ **Reported Users Management**
- ☐ **App Posts Management**
- ☐ **Reported Posts Management**

- ☐ **Content Management** (Edit data from dynamic admin panel)
- ☐ **Reporting & Analytics**
- ☐ **Notification Control**
- ☐ **List of Vendors & Food Items**
- ☐ **Add / Delete Food Items**
- ☐ **Add / Delete Food Vendors**
- ☐ **Add / Delete Recipes**
- ☐ **Managing Restaurants**
- ☐ **Managing Orders**
- ☐ **Updating Prices**
- ☐ **The Analytics**
- ☐ **Updating Additional Information**
- ☐ **Real-time Tracking of Orders**
- ☐ **Contact Information of Delivery Guys**
- ☐ **Records of Delivery Personnel**
- ☐ **Receiving Payments**
- ☐ **User Verification from Verification Email**
- ☐ **Login Authorization**
- ☐ **Credentials Recovery**
- ☐ **AdMob Deactivation**
- ☐ **Save Profile Settings**
- ☐ **Booking History**
- ☐ **Loyalty Programs**
- ☐ **Others**_____

3. Common Application Features

Tick all or some of the common features listed below!

- ☐ **Registration through**
- ☐ **Email**
- ☐ **Social Media Integration**
- ☐ **Single Sign On**
- ☐ **Activity Feed / NewsFeed**
- ☐ **Friendlists**
- ☐ **User Profiles**
- ☐ **Search** (for a restaurant by name or by specific food items)
- ☐ **Push Notifications**
- ☐ **Feedback System**
- ☐ **Inbox / Chat**
- ☐ **Customization**
- ☐ **Reviews & Ratings**
- ☐ **Subscription to Newsletters**

4. Add Special Features to Increase Engagement

- ☐ **GPS Tracking for Order Delivery**
- ☐ **Gamification features** (i.e. achievements, challenges, & tournaments or in-app currency to pay for the orders)

- ☐ **Social Media Sharing**
- ☐ **Third-party Integrations**
- ☐ **Wishlists**
- ☐ **Voice Search**
- ☐ **Live Streaming**
- ☐ **Video Streaming**
- ☐ **Sales & Discounts**
- ☐ **Multiple Signups**
- ☐ **Augmented reality**
- ☐ **Advanced Search** (filters etc.)
- ☐ **Cashback Option**
- ☐ **Order Return**

5. Let's Build an Awesome UI/UX

Note: When a user opens your food application, you have just a few seconds to earn their loyalty for years to come. They will want to navigate through your app, only if the design is compelling and engaging enough, else they will give it a BIG E!

5.1. Design:

- ☐ **Basic Design** (i.e. Trello)
- ☐ **Material UI Design** (like Buzzfeed or Gmail mobile app)



- ☐ **Clean & Flat UI Design** (VLC Android app redesign)
 - ☐ **Clean & Modern UI Design** (like that of Uber)
 - ☐ **Classic Skeuomorphic Design** (like the famous iTunes)
 - ☐ **Neumorphism or Soft UI** (Like that of Nike Running App)
 - ☐ **I have something else in my mind**
-

5.2. App's Orientation:

- ☐ **Portrait**
- ☐ **Landscape**
- ☐ **Both** (videos play better in landscape)

5.3. UI/UX Considerations:

- ☐ **User-Centric Design**
- ☐ **Different Versions for Different Mobile Devices**
- ☐ **Intuitive Navigation** - Less Keyboarding and More Mobile Screen Touching
- ☐ **Minimize Data Input**
- ☐ **Strive for Minimalism**
- ☐ **Click-to-Call Buttons for Complex Tasks**
- ☐ **Rule of Thumb**
- ☐ **Motion Design Techniques**

- ☐ **Colourblind-friendly colour theme** (colorblind people cannot see red, green or blue light)
- ☐ **Use Established Gestures** (zoom, pinch, swipe etc.)
- ☐ **Onboarding**
- ☐ **Splash Screens**
- ☐ **Task-oriented** (with minimum set of functions)
- ☐ **Keep Menus Short & Sweet**
- ☐ **Easy Transitions from One Orientation to Another**

6. Technical Requirements & Infrastructure of Your Food App

6.1. The Platform You will be Building For:

- ☐ **Native app i.e.**
 - ☐ **iOS**
 - ☐ **Android**
- ☐ **Cross Platform app (REACT NATIVE)**
- ☐ **Web App**

6.2. Preferred Programming Language:

(This depends on the platform you're building for i.e. iOS or Android web)

- ☐ **Objective-C** (iOS)
- ☐ **Swift** (iOS)
- ☐ **Java** (Native & Android)
- ☐ **Kotlin** (Android)
- ☐ **JavaScript**

6.3. Application Functionality

- ☐ **Online**
- ☐ **Online with Offline Functionality**
- ☐ **Static** (Fixed - Changes cannot be made in future)
- ☐ **Dynamic** (Upgrades and improvements)

6.4. It will Store Data so Select a Database & Server

Database:

- ☐ **MySQL**
- ☐ **NoSQL**
- ☐ **MongoDB**

Server:

- ☐ **Amazon Web Services - S3** (We trust AWS)
- ☐ **Google App Engine**
- ☐ **Microsoft Azure**

6.5. Application Development Methodologies

- ☐ **Agile** (Our go-to)
- ☐ **Waterfall**
- ☐ **RAD**

6.6. Performance & Maintenance Metrics (Invest in App Maintenance)

- ☐ **Cloud Backup**
- ☐ **Data Synchronization** (hassle-free way to backup important data)
- ☐ **Monitor Performance**
- ☐ **Performance Optimization** (Caching, Localization, File Compression etc.)
- ☐ **App Support with New Hardware/Software**
- ☐ **Scheduled System Maintenance**
- ☐ **Iterations & Updates** (fixes, performance improvements, changes, UI & new features)
- ☐ **Scalability testing**
- ☐ **Scaling/Autoscaling**
- ☐ **App Security**
- ☐ **App Testing**

6.7. App Security Practices

Note: Implementation of app security begins at the planning phase. The rest pivots on how religiously the security guidelines are followed throughout the development process. Here's a list of some security practices:

- ☐ **Encrypt Data at All Levels**
- ☐ **Encrypt Assets**
- ☐ **Use Strong Encryption**
- ☐ **Enforce User-Level Application Security Policies**
- ☐ **Secure Platform**
- ☐ **Strong Authentication Mechanism**
- ☐ **Two-Step Authorization**
- ☐ **Data Confidentiality**
- ☐ **Secure Data Cleanup**
- ☐ **OS Security Check**
- ☐ **Blacklisting**
- ☐ **Security Logging**

We have successfully check-listed the front-end and back-end of your application. However, have you considered a monetization method yet?

7. Will your app generate revenue?

- ☐ Free
- ☐ Delivery Charges
- ☐ Peak Hour Charges
- ☐ Advertising
- ☐ Commission Percentage
- ☐ Sponsorships
- ☐ Others_____

Congratulations, you're now ready to begin building your food delivery app!

If you're considering building a food delivery app, we encourage you to [contact CitrusBits](#) for a free consultation. We've designed and developed award-winning food, restaurant and meal delivery apps for dozens of businesses, and we'd love the opportunity to do the same for you.

About CitrusBits

CitrusBits is a mobile app development agency that designs and develops impactful mobile apps and responsive mobile content for businesses of all types.

Having developed critical mobile apps for clients including Burger King, Quiksilver, Symantec, and Sotheby's, CitrusBits is trusted by movers and shakers across all major industries. Yet,



we've also enjoyed helping small and midsize businesses and select startups turn their mobile aspirations into juicy ROI.

We're passionate about leveraging mobile technology – including iOS, Android, artificial intelligence, augmented/virtual reality, blockchain, and The Internet of Things (IoT) – to help businesses disrupt entire industries and reach their loftiest goals.

CitrusBits has helped hundreds of businesses build game-changing mobile apps for more than ten years. Please [get in touch](#) if you'd like to talk about your next project.

