

Food Delivery App Development: A Comprehensive Guide

Author
SPEC INDIA

Posted
August 16, 2023

Category
[Mobile App Development](#)

The history of online food ordering applications dates back to 1995 when the U.S.A. got its first online food delivery platform, Worldwide Waiter. Today, we have a highly thriving food delivery app market with spectacular global revenue statistics. This market offers an opportunity for business idea seekers and entrepreneurs to enter.

Before we begin developing mobile applications, let's learn more about today's online food delivery market.

If you are planning to build a food delivery app, then here are some of the best food delivery apps that are ruling the global food delivery market:

- Uber Eats
- DoorDash
- Postmates
- Deliveroo
- Zomato
- Grubhub
- Instacart
- Just Eat
- Swiggy
- Delivery Hero
- Domino's Pizza
- Talabat

In 2023, Uber Eats was the [most downloaded food delivery app in France](#) and the second most downloaded app in the US. By 2028, the [online food delivery market](#) is forecast to generate revenues reaching 1.8 trillion U.S. dollars.

In 2023, [food delivery revenues worldwide](#) were estimated at just over one trillion U.S. dollars, of which 400 billion dollars were generated in the meal delivery segment.

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

[Agree & Proceed](#)

These figures are enough to clarify doubts about investing in food delivery app development.

Moving forward, let's consider whether investing in a food delivery app would be a good decision for you in 2024.

Is it worth creating a food delivery app in 2024?

Have you noticed how ordering food has become so much easier these days? In 2024, the rise of food delivery apps isn't just a trend—it's a fundamental shift in how we dine.

Recent studies highlight a staggering increase in online food delivery orders, with projections showing global growth. The revenue in the [Online Food Delivery market](#) is forecasted to reach US\$1.22tn in 2024.

It is expected to exhibit a compound annual growth rate (CAGR 2024-2029) of 9.49%, resulting in a projected market volume of US\$1.92tn by 2029.

This surge isn't just about convenience; it's about meeting the evolving needs of busy consumers who crave efficiency without compromising on choice or quality.

Today, platforms like DoorDash and Uber Eats exemplify this transformation, connecting millions of users with various restaurants and cuisines at their fingertips. These apps have simplified the process of ordering food and expanded into delivering groceries and partnering with local businesses, catering to a broader spectrum of consumer needs.

Behind this success lies sophisticated technology that ensures orders are processed swiftly and accurately, while features like real-time tracking provide transparency and peace of mind.

As we delve deeper into this market, it's clear that the appeal of food delivery apps lies in their convenience and ability to adapt and innovate. Advances in artificial intelligence are enhancing user experiences and operational efficiencies, and these apps are reshaping how we think about dining out or enjoying a meal at home.

If you're considering starting in this field, the chances for growth and profit look good. A rising number of customers want easy,

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

Step 1: Understanding The Market

Market research and understanding are crucial in developing an on-demand food delivery app. Business owners can't jump right into the idea of not just a food delivery app, or any app for that matter, without knowing its market (audience, competition, trends, and more).

Knowing the food delivery market would enable you to connect with the customers effectively, gain competitive intelligence, find outgrowth opportunities, identify gaps, and ultimately make informed decisions.

When researching market research, here are some of the crucial aspects to analyze:

- Audience demographics
- Competition
- Consumer demands
- Common trends

This would allow for understanding key demographics, such as audience characteristics, preferences, target needs, user behavior, and more.

Upon realizing these aspects, the next phase of market research is to:

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

- Find product improvement possibilities
- Choose revenue-generation opportunities

Market research's two most important aims are to realize your Unique Selling Proposition (USP) and business model. The above realization will help you find your USP.

Let us further understand your business model for an on-demand food delivery app.

On-demand Food Delivery App Development Types

The goal of food delivery apps is to generate revenue. These types of on-demand food delivery applications enable you to select the model that best suits your business requirements, goals, and budget.

Here are the types of food delivery app development:

Restaurant-To-Consumer Delivery

In this type of food delivery app, [your software development partner](#) must develop the app for a single restaurant or restaurant chain. Customers can order food from any particular restaurant using the app. The restaurant is solely responsible for managing its delivery service and logistics.

For example – Domino, Mc McDonald

Platform-To-Consumer Delivery (Aggregator)

Contrary to the above model, in this type of food delivery app, the aggregator enables various restaurants from a city to connect with customers through a single platform so they can order from any of these restaurants from a single on-demand food delivery application. These platforms charge the restaurant and customers fees for using the platform or their services.

For example – Uber Eats, Doordash, Deliveroo, Zomato, Grubhub, etc

Further, this model is differentiated into two types; one is the app where the aggregator only manages the orders and not the delivery, while in the other, the aggregator also manages the delivery.

Let us explore these models further in detail.

Order-Only Model

In this food delivery app model, the aggregators only manage the orders for the multiple restaurants registered with the platform.

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

For Example – Zomato, Uber Eats, DoorDash, Swiggy, etc.

Step 2: Outline the Key Food Delivery App Features

One of the most useful outcomes of detailed market research is learning the functional scope of the various food delivery apps available to see what else you can add to offer value to the customer.

An ideal food delivery application ecosystem includes a consumer, Restaurant(merchant), courier, and admin app (in the case of the platform to aggregator model).

[AI](#) [Services](#) [Technologies](#) [Industries](#) [Business Solutions](#) [Our Work](#) [About](#) [Hire](#) [Contact Us](#)[Cart](#)

- Re-Order
- Payment Integration
- Order Tracking
- Order History
- Real-time Location
- Push Notification
- Rating and Review
- Customer Support
- Nearby Restaurants
- Coupon Management
- Social Media Login
- Help & Support

Courier (delivery) App

- Login/Registration
- User Profile
- Alert and Notification
- Customer Information
- Order Management
- Availability Settings
- In-App Navigation
- View Earnings
- Updating the Order Status
- Order History

Restaurant (merchant) App

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

[AI](#) [Services](#) [Technologies](#) [Industries](#) [Business Solutions](#) [Our Work](#) [About](#) [Hire](#) [Contact Us](#)

- Push Notification

- Real-time Tracking of Driver
- Manage Offers & Discounts
- Loyalty Program
- Payment History
- Reply To Reviews
- Customer Details
- Help & Support

Admin Panel

- Admin Login
- Restaurant Management
- Customer Management
- Driver Management
- Order Management
- Payment Management
- Commission Administration
- Delivery zone Management
- Discount Offers and Coupons
- Promo Codes
- Push Notifications
- Real-time Updates
- Technical Assistance
- Analytics Tools
- Campaign Management
- Email Alerts

Advanced features to consider for on-demand food delivery app development

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)



- ChatBot Integration
- Mobile Wallet Integration
- AI-driven Features
- Smartwatch Integrations
- Geotargeting
- Gamification
- Floating Window
- Driver Tip & Ratings
- In-App Call/Chat Option
- Route Optimisation
- Marketing Features
- Two-factor Authentication
- Personalized Suggestions
- Multiple Payments
- In-App Navigation

Step 3: Consider the App Development Cost

App development costs are critical and require careful evaluation and strategic planning. From my experience in the field, I can tell you that app development costs can vary significantly based on several factors, including –

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

First, break down the costs into two main categories:

- Upfront costs and
- Ongoing costs

Upfront costs include design, development, testing, and initial deployment. Ongoing costs encompass maintenance, updates, server hosting, and marketing.

When budgeting, it's essential to have a clear scope of work. Detailed planning and precise requirements help avoid scope creep, which can lead to unexpected cost increases.

Consider creating a Minimum Viable Product (MVP) first to validate your idea and gather user feedback without immediately committing to a full-scale launch.

Another important aspect is choosing between an in-house team and outsourcing. In-house teams offer better control and direct communication but can be expensive due to salaries, benefits, and overheads.

Don't forget to account for hidden costs, such as third-party integrations, licensing fees, and unforeseen technical challenges. Transparency with your development team about budget constraints can help them tailor solutions that align with your financial plan.

Step 4: Choose an App Development Company

Choosing the right app development company is crucial when creating a food delivery app. **Look for a company with a proven track record** in developing similar applications. They should have experience integrating key features like real-time order tracking, secure payment gateways, and user-friendly interfaces.

Consider their expertise in UI/UX design to ensure your app is intuitive and visually appealing, which enhances user engagement. Additionally, **verify their ability to scale the app** as your business grows and adapt to future technological advancements.

Check client reviews and portfolios to gauge their reliability and quality of work.

Communication and collaboration are also vital, so **choose a company that communicates effectively** and understands your vision for the app.

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

Step 5: Creating The App Concept And User Journey

Once you have a clear idea of the food delivery app, its USP, business model, and features, the next phase is to bring the app idea to life. To bring the app's visual architecture to life, prototyping and user experience/user interface (UX/UI) designing would enable you to create a detailed blueprint for your food delivery app.

This step, which involves creating low-fidelity wireframes, outlining the app's structure and user flow, and creating the high-fidelity design, is crucial for companies providing food delivery app development services, as it creates the customer's experience of the app.

An expert team of designers and analysts finalizes every detail, from logic to navigation for the product, image placements, usability sequences, aesthetics, brand styling, and other excessive details, to [build an app](#) that delivers user engagement and can withstand the test of time. The app's UI can influence the consumer's decision-making process, so every small detail of the food delivery application is carefully planned with the customers in mind.

Once your team of UI/UX designers has the design ready, it is passed on to the developer to work on the technical side of the application.

Step 6: Select the Tech Stack

The next step in developing a food delivery application involves defining the tech stack and developing a minimal viable product (MVP). This typically includes decisions on programming languages, databases, servers, APIs, and other development components.

Here is the detailed tech stack for an ideal food delivery app, which every food delivery app development company can use.



- UX/UI Designers
- Quality Analysis Experts
- Delivery Manager
- Business Analyst

Tech Stacks, which you can choose to develop your app with –

Front End

Registration	Facebook SDK, Gmail SDK, Auth0
Payment	Stripe, Braintree, PayPal, Apple Pay, Google Pay, BHIM, Net Banking, e-Wallets
User Location	Google's Geolocation API for Android, CoreLocation framework for iOS
Navigation	MapKit, Google Directions APIs, Routific, TomTomm
Messaging	Twilio, Plivo, MessageBird, Nexmo
Programming Language	JavaScript, TypeScript, Java, Swift, Kotlin,
Markup Language	HTML5, CSS
Framework	Flutter, React Native, Angular, Vue.js
Push Notifications	Firebase Cloud Messaging, Apple Push Notification service, Push.io, Twilio, Amazon SNS
Realtime Analytics	Storm, Flink, Google Analytics, Cisco, IBM, Apple Analytics
UI/UX	Figma, Sketch, Photoshop, Illustrator
Storage	Azure, Google Cloud Storage, AWS

Back End

Programming Language	Python, PHP,
Framework	Ruby on Rails, Laravel, Symfony, Django
Cloud	Azure, Google, AWS
Database	PostgreSQL, HBase, MongoDB, Cassandra, MySQL
Caching Tool	Memcached, Redis
Server	AWS, Azure
Web server software	Apache HTTP Server, Nginx

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

- Quality Analysis Experts
- Delivery Manager
- Business Analyst

Step 7: Start Development Process

Now that you have the tech stack ready to build a food delivery app, the next step is to develop the app once the designer has completed their design.

The most efficient way to develop your digital product is to [develop a Minimum Viable Product \(MVP\)](#) first. Then, upon analyzing the response to your MVP, decide whether you want to ditch the idea or improve it accordingly, as you don't want to end up developing a product that is not liked or used by your target audience.

MVP comprises a minimum/basic/vital feature set in which the business runner intends to test the product-market fit and gain crucial technical insights.

When developing a food delivery application like Uber Eats, the business owners decide which type of mobile app to develop. The business can either go for native, hybrid, or cross-platform app development. Here is how the most popular type of food delivery mobile app development types that plays a crucial role in the development process.

The overall cost of developing a mobile app also varies according to the development type that you choose for your food delivery app.

Native App Development

This type of food delivery application development would enable developers to create apps explicitly for a single platform(iOS/Android), which are maintained separately.

The developers use Android Software Development Kit (SDK), Android Studio, Android IDE, and IntelliJ IDEA for Android development.

Further, the development of native Android programming languages like Java, Kotlin, Scala, and C++ is used. Other tools used in Native food delivery app development include Charles Proxy, AVD Manager, Shake Bug, etc.

On the other hand, the Android codebase can't be used to deploy apps on the Apple App Store. This is when the iOS developer uses iOS development tools like Appcode, Xcode, or Atom and various other tools like Swift Package Manager, Jazzy, etc.. In contrast, programming languages like Swift and Objective-C are used.

This type of [Native application development](#) is mainly chosen by business owners who do not have a budget constraint. The code is developed separately for each software platform, which is time-consuming and cost-intensive.

With it, developers can achieve high reliability and functionality in the application, allowing them to take full advantage of their chosen platform's capabilities.

Cross-platform App Development

On the other hand, cross-platform app development uses the "write once, run anywhere" coding paradigm, which means the

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

The mobile app development team must ensure that it does not have any bugs in features/functionalities that would impact the user experience.

Testing the code allows the development team to catch coding errors before the users.

Whether it is MVP, continuous development after MVP, or post-deployment maintenance, testing is crucial to keep your food delivery app bug-free and meet your users' needs.

Your QA testers can conduct various types of testing on the code of developed components and functions delivered by the developers, such as user test creation, manual testing, or automation testing, according to your preference and requirement for inspecting the code.

Types of software testing for food delivery apps:

- Functional Testing
- Security Testing
- Performance Testing
- Usability Testing
- Compatibility Testing

These types of software testing would enable the developer to test the app's functionality, usability with real users, compatibility with various devices, app integration with third-party services, and more.

Once the software testing is done thoroughly after the food delivery app development, it is time to deploy the product on the respective platform (Android and iOS) in the case of a native app or a single codebase on all platforms in the case of a cross-platform food delivery app.

Step 9: Support and Performance Monitoring

Post-deployment, the development team tracks user experience feedback, app functioning, and performance to implement improvements and fix any detected bugs.

The app and the technologies and [development tools](#) used to develop it need to be upgraded to the latest version to avoid any security issues that may make the user data prone to cyberattacks.

Support and maintenance would enable the team to continuously fix the bugs, improve performance, meet the users' needs, and keep the technologies up to date.

Alongside continuously improving the app, the team also works on marketing the food delivery application to reach the target audience and increase the user base, food delivery app downloads, app usage, and ultimately, the return on Investment (ROI).

The Scope of Developing a Food Delivery App in 2024

In today's fast-paced world, time management is one of the most prevalent challenges for the current generation. With hectic schedules and numerous responsibilities, finding time to prepare meals or dine out can often be a luxury. This is where food

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

Pain Points of Users

- 1. Time Constraints:** Juggling work, social life, and personal commitments often leaves little time for cooking or dining out. Food delivery apps help by saving time and providing meals at your doorstep.
- 2. Limited Choices:** Depending on where you live, dining out or ordering in can be limited. Food delivery apps expand these choices by offering a variety of cuisines and restaurants.
- 3. Convenience:** Traveling to restaurants or grocery stores can be a hassle, especially in bad weather or heavy traffic. Food delivery apps eliminate this inconvenience by bringing your favorite meals directly to you.

When developing a mobile application for food delivery like Uber Eats, the team plays a crucial role in making your idea a reality and in determining the overall cost of developing the app.

Please explain how your development team would contribute to the cost of developing a mobile application for food delivery.

Solutions Provided by Food Delivery Apps

A food delivery app saves users the time and effort of physically visiting a restaurant. Whether at home, work, or elsewhere, users can browse menus, place orders, and have food delivered directly to their doorstep. This convenience simplifies meal planning and frees up time for other priorities.

Secondly, Modern food delivery apps offer extensive choices from various restaurants and cuisines. This variety caters to diverse tastes and dietary preferences, ensuring that users can find something they enjoy without limitations. After a certain time, you can also start providing [groceries through your app](#), giving you more traction.

Launching a food delivery app opens up additional revenue streams for businesses. Beyond direct food sales, apps can generate income through subscription models, advertisements, and commissions from partner restaurants. This diversification can significantly boost overall profitability.

Food delivery apps transcend geographical boundaries to tap into a global audience hungry for culinary diversity. Their scalability

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

As you know, there is plenty of opportunity to grow in this market. Here are a few app monetization strategies to help you understand how the food delivery app generates revenue.

Delivery Fees

One of the most straightforward ways food delivery apps [make money](#) is through delivery fees.

Think of apps like Uber Eats and DoorDash. When you order food, you usually pay a fee to have it delivered to your doorstep.

This fee can vary based on how far the restaurant is from you or how busy the delivery drivers are at that moment.

It's a small price to pay for the convenience of not having to leave your house!

Service Fees

Next up are service fees. Apps like Grubhub and Postmates often add a service fee to each order.

This fee helps cover the costs of running the app and providing customer support.

It's like paying a little extra for the seamless ordering experience through a well-maintained platform.

Commissions from Restaurants

Restaurants also pay a commission to these apps for each order they get through the platform.

For example, when you order from your favorite pizza place on Uber Eats, a percentage of your payment goes to Uber Eats.

This can be anywhere from 15% to 30%. It's a win-win: the restaurant gets more customers, and the app earns a commission.

Subscription Models

Some apps offer subscription services. Take Uber Eats Pass or DoorDash DashPass, for instance.

Subscribers get perks like reduced delivery fees and exclusive discounts for a monthly or annual fee.

It's a great deal if you order food frequently, providing a steady revenue stream for the apps.

Advertising and Promotions

Advertising is another big revenue source. Restaurants can pay to have their listings appear at the top of your search results or to be featured prominently within the app.

For example, you might see McDonald's or Taco Bell running special promotions on these platforms.

This increases their visibility and order volume; the app makes money from these advertising fees.

In-app promotions and Exclusive Deals

Food delivery apps often have exclusive deals or promotions funded by restaurant partners.

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

[AI](#) [Services](#) [Technologies](#) [Industries](#) [Business Solutions](#) [Our Work](#) [About](#) [Hire](#) [Contact Us](#)

For example, a local pizzeria might use Uber Eats infrastructure to offer deliveries, but it looks like the pizzeria's own service.

The app charges a fee for this convenience.

Data Monetization

Finally, there's data monetization. Food delivery apps collect a lot of data about what people order, when, and how often.

Apps like Grubhub can analyze this data and sell anonymized insights to restaurants. This helps restaurants understand trends, optimize their menus, and improve marketing strategies.

It's like giving restaurants a secret weapon to attract more customers.

5 Popular Food Delivery Apps Overview

Uber Eats

Uber Eats is a global food delivery service that connects users with restaurants through a mobile app.

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

- Cost of Development: Estimated at \$50 million
- USP: Uber Eats is renowned for its user-friendly interface, efficient delivery system, and seamless integration with Uber's ride-sharing services.
- Regions Served: It is available in over 6,000 cities across 45 countries, including the US, Canada, the UK, Australia, and many European countries.

DoorDash

DoorDash is a US-based food delivery service that partners with local restaurants to provide a convenient delivery service.

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

- USP: DoorDash distinguishes itself with its DashPass subscription service, which offers unlimited free deliveries from select restaurants for a monthly fee, enhancing user convenience and loyalty.
- Regions Served: Primarily in the US and Canada, with expansion into Australia and New Zealand.

Grubhub

Grubhub is a leading online and mobile food ordering and delivery service in the United States. Over 300,000 restaurants in 4,000 cities are partnered with Grubhub.

[AI](#) [Services](#) [Technologies](#) [Industries](#) [Business Solutions](#) [Our Work](#) [About](#) [Hire](#) [Contact Us](#)

- USP: Grubhub's focus on extensive restaurant partnerships and a robust rewards program for users sets it apart, making it a favorite among frequent diners.
- Regions Served: Primarily in the US, with services also available in London, UK.

Zomato

Zomato is a multinational restaurant aggregator and food delivery company that allows users to browse menus, read reviews, and order food online from local restaurants.

Food delivery app

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)



- Cost of Development: Estimated at \$20 million
- USP: Zomato stands out with its comprehensive restaurant database, which includes detailed reviews, ratings, and an extensive menu selection. This makes it a delivery service and a robust restaurant discovery platform.
- Regions Served: It is available in 24 countries, including India, [UAE](#), Australia, and several countries in Southeast Asia, Europe, and North America.

Deliveroo

Deliveroo is a British online food delivery company that connects users with local restaurants.

- Launch date: February 2013
- Founder: Will Shu (founder, CEO)
- HQ: London, UK
- Total Number of Users: 7.1 Million (in 2023)
Cost of Development: Estimated at \$60 million
- USP: Deliveroo is known for its high-quality delivery service, unique features like "Deliveroo Plus" for free deliveries, and diverse restaurant options.
- Regions Served: United Kingdom, France, Belgium, Ireland, Italy, Singapore, Hong Kong, the United Arab Emirates, Kuwait, and [Qatar](#)

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

Let's understand how your development team would contribute to the cost of developing a mobile application for food delivery. The cost of developing a food delivery app depends on these factors.

Let's understand how your development team would contribute to the [cost of developing a mobile application](#) for food delivery. The cost of food delivery app development depends on these factors.

Food Delivery App Development Team: In-house vs Outsourcing

One crucial factor that can greatly affect the realization of a food delivery app is affordability. Business owners must decide whether to build an app in-house or outsource it to an experienced food delivery application development company. Let's explore both alternatives.

In-house

Combining an in-house food delivery application development team is an exhaustive process involving HR's tireless hours of hunting skilled designers, developers, and testers. It requires expertise and experience and would contribute to a long-term organizational plan.

This team lets the business owner control the project's scope, technology, development process, and composition. Further, having an in-house team facilitates seamless communication, enhanced geographical accessibility, and the dedication of each team member to one project at a time.

However, procuring an in-house team is much more expensive, has a low retention rate, and only offers access to a limited talent pool.

Outsourcing

In contrast to the above alternative, outsourcing the project to a food delivery app development company enables you to hire an individual designer/developer/tester or a dedicated mobile app development team.

When seeking top food delivery application development services, business owners can choose from experts globally, tapping into a vast talent pool.

These dedicated pools of the team are versatile and scalable, with expertise and experience offering faster time to market. This does not involve a dedicated infrastructure for functioning, so the development cost is considerably lower.

Further, this model allows business owners to choose the engagement model based on their budget and preference.

However, due to different time zones, there may be a lack of communication, and the business owners may not have any immediate access to the team.

Most companies in their entrepreneurial stage or just startups often prefer to hire app developers, given their limited budgets and the urge to make the most of them.

To understand the overall cost of outsourcing the development of food delivery applications like Zomato, let's examine some aspects that contribute to the overall cost of the on-demand food delivery app.

Here are factors that affect the food delivery app development cost:

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

App Complexity

The complexity of the app varied from MVP to a full-cycle food delivery app based on various features and functionalities included in the app. While a simple app may include basic features and functionalities like

- Authentication,
- Order placement,
- Menu, etc.

while a high-complexity app would be laden with advanced features like -

- Live order tracking,
- Push notifications,
- Filters,
- Personalization,
- Virtual assistants and more

Further, integrating third-party services (payment gateways, Google Maps, etc.) and design complexity would increase the cost of developing a food delivery app like DoorDash.

Level of complexity	Time estimates	Hour rate	Overall cost estimates
Simple	3-5 months	\$20-30	\$15,000 – \$30,000
Medium	6-9 months	\$50-65	\$50,000 – \$70,000
High	10+ months	\$100-120	\$70,000 – \$90,000

Development Time:

Whether hiring an hourly developer from a mobile app development company or having an in-house team, development time is crucial in determining the food delivery app development cost. Each phase and even the features take approximately time to develop and test.

Here is the cost incurred to develop a mobile app like Zomato based on development time:

Function	Time	Approx Cost (\$30/hour)
Development	1000 hours	\$30,000
Quality Assurance	168 hours	\$5,040

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

Here are the hourly costs from some countries:

Country	Development	UI/UX Designer	QA
India	\$20 – \$40/hr	\$15 – \$40/hr	N/A
Europe	\$30 – \$100/hr	\$30 – \$100/hr	\$20 – \$60/hr
USA	\$80 – \$170/hr	\$20 – \$60/hr	\$20 – \$40/hr
Australia	\$80 – \$200/hr	\$20 – \$100/hr	\$20 – \$60/hr
Ukraine	\$30 – \$100/hr	N/A	\$5 – \$25/hr

Cost by Different Types of Application:

The business model that you pick will affect not only the revenue you will earn from it but also the cost of developing the food delivery mobile app, as the food delivery development cost of apps like Uber Eats varies greatly from the cost of developing a food delivery app like Domino's.

Here is the cost of developing a food delivery app based on its revenue model:

Type of app	Cost Estimates
Order-Only Mobile App	\$50,000 – \$55,000
Order & Delivery Mobile App	\$70,000 – \$80,000
Fully Integrated Mobile App	\$60,000 – \$65,000.

Developing a food delivery app does not involve developing a single app. It's an ecosystem/marketplace that uses applications by customers, partner restaurants, delivery partners, and admin.

Here are the cost estimates for developing an on-demand food delivery app for each of this particular segment of end users.

Type	Hours	Cost Estimates
Courier Application	700 – 900	\$35,000 – \$50,000
User Service Application	700 – 900	\$35,000 – \$65,000
Restaurant Application	700 – 900	\$9,000 – \$15,000
Admin panel	400 – 500	\$10,000 – \$12,000

Based on Platform Compatibility:

When outsourcing a project like developing a food delivery app to an on-demand mobile app development company, the development cost will vary depending on the platform compatibility you choose for your app.

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

Web apps	\$15,000 – \$50,000
Hybrid apps	\$10,000 – \$150,000

Cost Associated with Each Stage:

Just like the cost of development can be bifurcated based on whether you want to hire mobile app developers, hire a UI/UX designer, or hire a software tester from the software development company, you can also break down the cost based on various phases of on-demand food delivery app development.

Here are the cost estimates that your business will incur in each phase of developing a mobile application like DoorDash.

Phase	Cost Estimates
Research and Planning	\$2,000 – \$5,000
Design	\$3,000 – \$10,000
Backend development	\$15,000 – \$40,000
Frontend development	\$10,000 – \$25,000
Testing	\$10,000 – \$20,000
Branding & Marketing	\$5,000 – \$20,000
Maintenance	\$1000 – \$5000
Patent	\$3,000 – \$10,000

Food Delivery App Development: Conclusion

Though the new startups have a revenue generation opportunity, the increase in the number of food delivery apps in the market has saturated the market, making it tough for a new food delivery app with a unique USP to compete and sustain.

Having said that, business owners can gain a competitive edge with the right strategy and a well-designed product.

Here is a quick overview of the food delivery [app development process](#).

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

- Create the app concept and user journey
Select the tech stack
- Start the development (MVP/Full-cycle development)
- App testing and deployment
- App performance monitoring, support, and maintenance

An off-the-shelf food delivery application may not always work, given the unique offerings business owners want to offer in their app. This is when custom on-demand food delivery application development comes into play.

With more than 36 years of [experience in custom software development](#), we at SPEC INDIA offer top-notch food delivery app development services crafted to suit your every development requirement.

Author

SPEC INDIA



SPEC INDIA is your trusted partner for AI-driven software solutions, with proven expertise in digital transformation and innovative technology services. We deliver secure, reliable, and high-quality IT solutions to clients worldwide. As an ISO/IEC 27001:2022 certified company, we follow the highest standards for data security and quality. Our team applies proven project management methods, flexible engagement models, and modern infrastructure to deliver outstanding results. With skilled professionals and years of experience, we turn ideas into impactful solutions that drive business growth.

Table of contents

- » [Is It Worth Creating a Food Delivery App in 2024?](#)
- » [Food Delivery App Development: Step-by-Step Guide](#)
- » [Understanding The Market](#)
- » [Choose the Key Food Delivery App Features](#)
- » [Consider the App Development Cost](#)
- » [Choose an App Development Company](#)
- » [Creating The App Concept And User Journey](#)
- » [Select the Tech Stack](#)
- » [Start Development Process](#)
- » [In-depth Testing and Deployment](#)



Delivering Digital Outcomes To Accelerate Growth

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

[AI](#) [Services](#) [Technologies](#) [Industries](#) [Business Solutions](#) [Our Work](#) [About](#) [Hire](#) [Contact Us](#)

**Food Delivery App
Development: A
Comprehensive Guide**

**Custom App
Development: A
Complete Guide**

**Enterprise App
Development: An
Exhaustive Guide**

Let's get in touch!

Name***Email*****Phone Number (With Country Code)****Country****Company Name****Budget****Requirement Brief***

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

[AI](#) [Services](#) [Technologies](#) [Industries](#) [Business Solutions](#) [Our Work](#) [About](#) [Hire](#) [Contact Us](#)[Clear details](#)[Submit →](#)

India

"SPEC House", Parth Complex, Near Swastik Cross Roads, Navarangpura, Ahmedabad 380009, INDIA.

+91-79-26404031, 32, 33, 34

lead@spec-india.com

USA

"SPEC Partner", 350 Grove Street, Bridgewater, NJ 08807, United States.

+1 908-450-9862

lead@spec-usa.net

4.6

4.5

4.2

Services

Custom Software Development

Enterprise Software Development

Business Intelligence Services

Web Application Development

Mobile App Development

UI/UX Design Services

Full Stack Development

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)

[AI](#) [Services](#) [Technologies](#) [Industries](#) [Business Solutions](#) [Our Work](#) [About](#) [Hire](#) [Contact Us](#)[Media & Entertainment](#)[Energy & Utilities](#)[Supply Chain & Logistics](#)

Company

[Overview](#)[Career](#)[Testimonials](#)[Project Execution Models](#)[Engagement Models](#)[Privacy Policy](#)[Terms of Use](#)

Resource

[Blogs](#)[Guide](#)[Case Studies](#)[Live BI Visualization](#)[Portfolio](#)[Sitemap](#)[GDPR](#)

Certificates

[ISO 27001:2022](#)

© 2025 SPEC INDIA. All Rights Reserved.

This website uses cookies to ensure you get the best experience on our website. [Read Spec India's Privacy Policy](#)