Application Prototype

Build and iterate on app features and designs

Powering apps at

U.S. Department of Energy  IBM  NASA JPL  Coca-Cola  Buttonwood Cloud Exchange

Iteration is key to application development, and app prototypes are ideal for vetting technology and design decisions, generating feedback, and refining requirements before developing production code.

Application Prototype packages in the Topcoder Marketplace tap into the power of the crowd to develop high-quality code for key visual and technical elements of your app. Within weeks you receive a prototype that can be built upon for further iteration or production-ready code.

The Topcoder Community uses development best practices like product atomization, quality scorecards, and expert reviews to develop and test your code in a series of individual units of work. All deliverables are fixed-fee and you pay only for the winning code, not hours.

Visual App Prototypes

Bring your application visual designs to life with a clickable prototype that lets you experience navigation and view sample screens and responses. In just two weeks you receive a high-fidelity visual app prototype.

Technical App Prototypes

Turn your technical requirements into code that lets you test functionality for key features and integrations. In four to six weeks you receive a technical app prototype that you can build on for future development.
How Crowdsourcing Works for Application Prototypes

Topcoder Connect is a web app that guides you through the entire crowdsourcing process. Connect captures your requirements, facilitates collaboration with the Topcoder Community, and keeps you up to speed on their progress.

A Topcoder copilot creates a game plan based on your app designs and/or functional requirements, and then experts in the Topcoder Community compete to develop the best code. Built-in peer review, unit testing, and final fixes to delivered code ensure enterprise-grade results.

Your copilot posts status reports to your project timeline in Connect to notify you of milestones and next steps, and you have an opportunity to review and sign off on all deliverables.

Visual Application Prototypes

Experience your app design concept and capture user feedback before developing production-ready code. Visual prototypes are developed based on your app designs as well as functional requirements like HTML5, iOS, or Android. Within two weeks you receive a high-fidelity, clickable prototype that lets you see how your app design looks, feels, and functions in action.

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<th>FINAL FIXES</th>
<th>CODE ASSEMBLY</th>
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<td>CODE REVIEW</td>
<td>WEEK 2</td>
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What’s Included

- Application UI code crowdsourced in the Topcoder Marketplace
- Topcoder copilot to plan and manage crowdsourcing logistics

What You Receive

- Clickable app prototype with navigation and sample screens and data
- Code review by an expert panel and final fixes to the delivered code
Technical Application Prototypes

Develop key technical components to test functionality and generate feedback before building production-ready code. Technical prototypes transform your requirements into high-quality, peer-reviewed code that lets you see app features and integrations in action. Within six weeks you receive building blocks of code that can be used for future development.

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<tr>
<th>LAUNCH</th>
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<td>WEEK 1-3</td>
<td>CODE REVIEW</td>
<td>WEEK 4-6</td>
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What’s Included

- Application code crowdsourced in the Topcoder Marketplace
- Topcoder copilot to plan and manage crowdsourcing logistics

What You Receive

- Technical app prototype integrated with up to three services
- Code review by an expert panel and final fixes to the delivered code

How We Ensure Your Success

Application Prototype packages are structured to generate high-quality code that can be built upon for additional prototypes and production-ready applications, and we include everything you need to get great results.

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<th>Competition Management</th>
<th>Code Review</th>
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<td>Every project is managed by a copilot—an elite member of the Topcoder Community—who handles all logistics such as reviewing and clarifying requirements, creating game plans, and launching your crowdsourcing competitions.</td>
<td>Whether your functional requirements call for web or mobile development, our expert panel assesses each code submission using comprehensive scorecards. The submission with the highest cumulative score wins.</td>
<td>A Topcoder Community member with a winning code submission makes any final fixes needed to ensure the delivered code meets your requirements—and to correct any issues uncovered during the code review.</td>
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