

The Go-To Checklist for MOBILE APP DEVELOPMENT

Planning & Strategizing

- a. Consider the business problem
- b. Define business objectives
- c. Create a product roadmap
- d. Conduct competitor SWOT analysis
- e. Determine and prioritize features
- f. Evaluate functionality, performance, scalability, and technology framework selection

1 STEP



Designing & Building a Prototype

- a. Conduct user research
- b. Chalk out a preliminary visual design
- c. Develop an interactive prototype for early testing and feedback

2 STEP



Development

- a. Analyze existing codebase for security risks
- b. Check performance risks
- c. Define your API testing strategy & tools
- d. Choose the tech stack

3 STEP



Testing

- a. Create a dedicated QA team to test the app on different platforms
- b. Define the scope of automation and user acceptance testing
- c. Test for performance under heavy loads

4 STEP



Deployment

- a. Prepare for app store submission
- b. Implement CI/CD pipelines to automate deployment
- c. Create documentation for support
- d. Plan release updates to relevant app stores
- e. Set up tools to monitor performance

5 STEP



Use GenAI across mobile development lifecycle to formulate innovative solutions, prototype, generate code, automate testing, and predict any maintenance issues