

Real-Time Marketing Data  
Application Development

Level 1  
Project level

1. Design Phase  
(30 days)

2. Development  
Phase (90 days)

3. Test Phase (30  
days)

4. Launch Phase  
(60 days)

Level 2  
Phase level

1.1 Define Key  
Functionality  
Requirements

2.1 Develop  
Initial Prototype

3.1 Test Final  
App Prototype

4.1 Launch New  
App

Level 3  
Work package level

1.2 Identify  
Vendor for  
Design and  
Development

2.2 Perform  
Prototype Beta  
Test

3.2 Approve  
Launch Plan

4.2 Monitor App  
Performance

1.3 Develop  
Initial Design

2.3 Solicit Beta  
Test Feedback

3.3 Gain  
Customer  
Acceptance

4.3 Finalize New  
Hires

1.4 Solicit Initial  
Design Feedback

2.4 Update  
Prototype Based  
on Feedback

3.4 Train  
Marketing  
Personnel on  
App

4.4 Plan App v2  
Upgrades

1.5 Update  
Design Based on  
Feedback

2.5 Implement IT  
Upgrades

3.5 Begin IT  
Hiring

4.5 Implement  
App Upgrades

1.6 Finalize  
Vendor Contract

2.6 Gain  
Prototype Sign-  
off

4.6 Document  
App Issues

1.7 Gain Final  
Design Approval

2.7 Develop App  
Launch Plan

4.7 Complete  
Final Project  
Report