



The screenshot shows the Birdie website homepage. The header includes the Birdie logo, navigation links for 'About', 'Birdie for agencies', 'Birdie for families', and 'Blog', a phone number '020 3095 8252', and buttons for 'Get in touch' and 'Sign In'. The main content area features a purple background on the left with the heading 'Meet Birdie, a better way to care' and a sub-headline 'Birdie is a care technology platform that supports care professionals and families in delivering better and safer elderly care at home.' Below this is a 'Get in touch' button. On the right is a video player showing an elderly woman and a caregiver smiling, with a play button overlay.

birdie About Birdie for agencies Birdie for families Blog 020 3095 8252 Get in touch Sign In

Meet Birdie, a better way to care

Birdie is a care technology platform that supports care professionals and families in delivering better and safer elderly care at home.

Get in touch

Domain: HealthCare

Case Study: Functional Testing
for Birdie

Summary of the Product:

Birdie is a care solution for your older adult to stay at home longer, safer and independent. Birdie helps you manage the home care of those that mean the most to you through smart use of technology. The most advanced solution to enable older adults to stay at home and their families to make sure they're safe. It lets your older adult to coordinate with his/her care giver and other family members.

Roles:

Tablet (for Care Giver App): Care giver gives an update of Daily tasks assigned by Family members, adding Notes, adding concerns.

Android/IOS Mobile (for Family Member App): Can check the updates, concerns, notes updated by the Care giver and post messages.

Windows/Mac: (Admin agent): Can track all the updates and changes from Family member and Care giver.

Business challenges:

The Application had to cater to number of customers and had to be customized according to their needs.

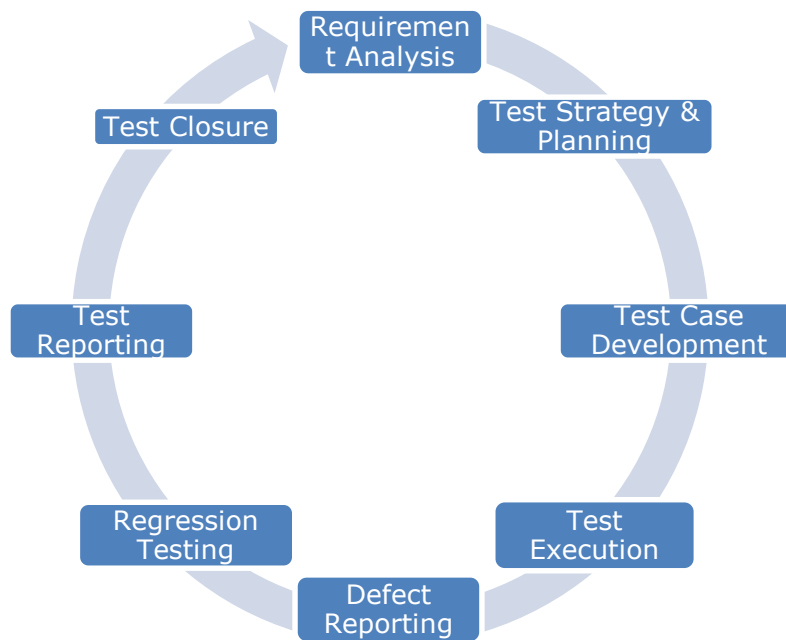
Technical challenges:

- New features introduced once in every week.
- Testing team had to constantly be in touch with the product manager and development team for requirement changes.
- Feedback from testing team needed to be rapid and supportive to development team.
- Test scripts covered all new functions or features with deeper coverage and also keeping in mind the existing features.
- Testing team created all the data required for the feature testing.

- Test Coverage focused towards :
 - Functional Testing
 - Compatibility Testing
 - Usability Testing
 - Mobile Testing

➤ Test Phases

- Requirement Analysis Phase
- Test planning and preparation phase
- Execution phase
- Stability test phase
- Staging verification phase



➤ **Progress and Coverage:**

- All the new feature test case execution and reporting.
- All the Defects raised using the bug tracking tool (JIRA).
- Daily and Weekly QA status report summarizing the test execution summary, List of bugs raised and their status.
- Cross browser testing of the application in IE, Edge, FF, Chrome and Safari browsers.
- Testing done in Stage Environment.
- Birdie Mobile App testing for
- Tablet (for Care Giver App) Device: Samsung Galaxy Tab A OS: 6.0.1

- Android Mobile (for Family Member App) Device: Nexus 6, OS: 6.0.1 / 6.0
 - iPhone (for Family Member) Device: iPhone 6 OS: 10.3.2
 - Web App (for Care Agency) OS/Browsers covered
 - Windows: (Admin agent) Google Chrome, Mozilla Firefox and Microsoft Edge
 - Mac OS: Safari, Chrome and Firefox
- **Defect Reporting:**
- Log Defects into JIRA.
 - Defect assigned to the development team for fixing.
 - All the Blocker and Major defects communicated to the client as and when the investigation was complete.
- **Project Challenges Faced:**
- Requirement changes on a regular basis as per client needs.
 - No release notes and version numbers added.
 - There was no requirement document.
- **Highlights:**
- 400 plus feature test cases designed during the project tenure.
 - 300 plus various defects identified, fixed and retested.
- **Accomplishments:**
- With no Business Analyst Project Manager was dependent on QA on all the requirements and as per QA suggestions requirements was modified.
 - Setting up JIRA workflow.
 - Created all the process documents at the initial stage.
 - Birdie Mobile app testing along with integration of web based application.