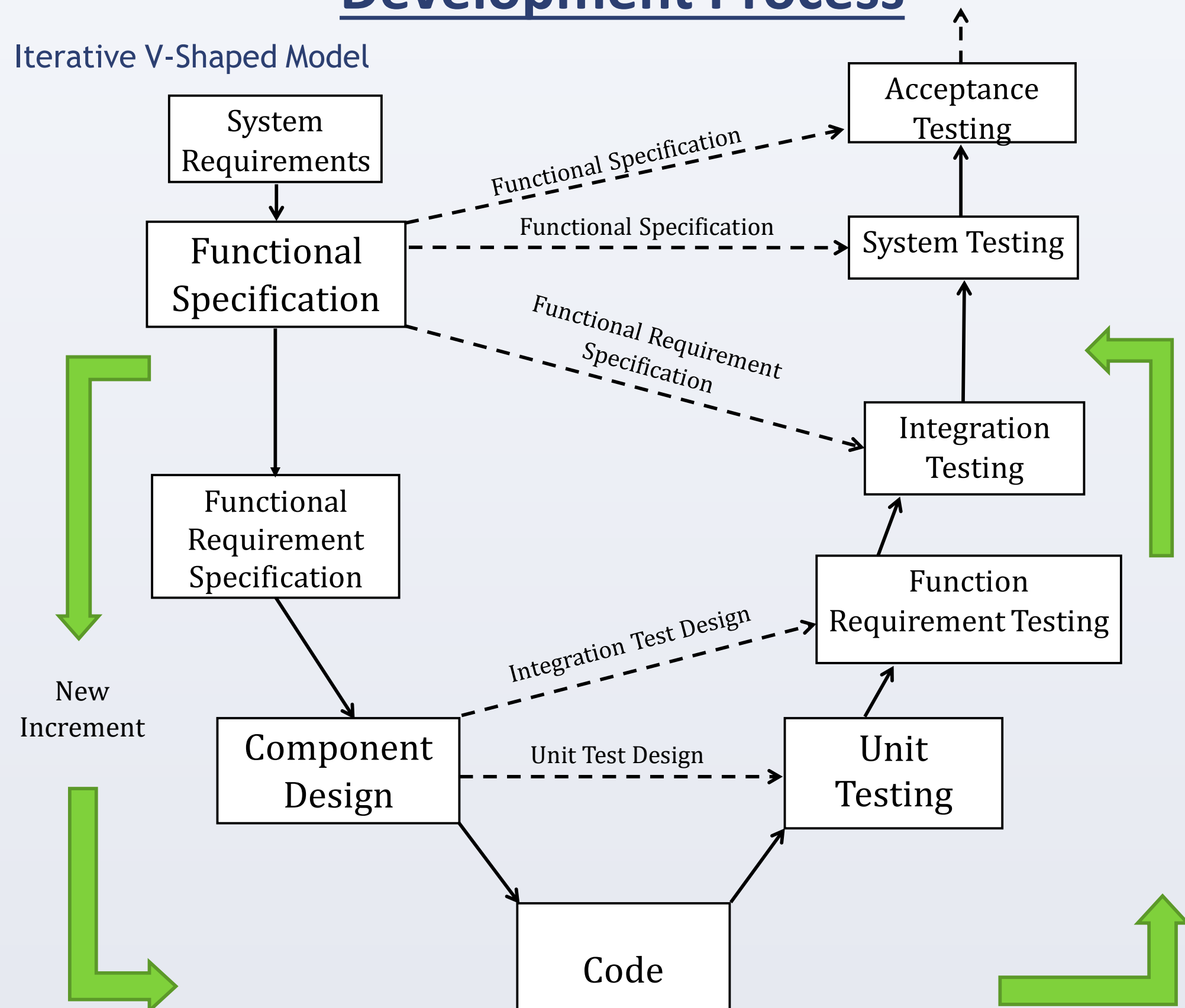


Community Area Alert System

Cian McCann

Development Process

Iterative V-Shaped Model



Coding Standard

Clean Code: A Handbook of Agile Software Craftsmanship.

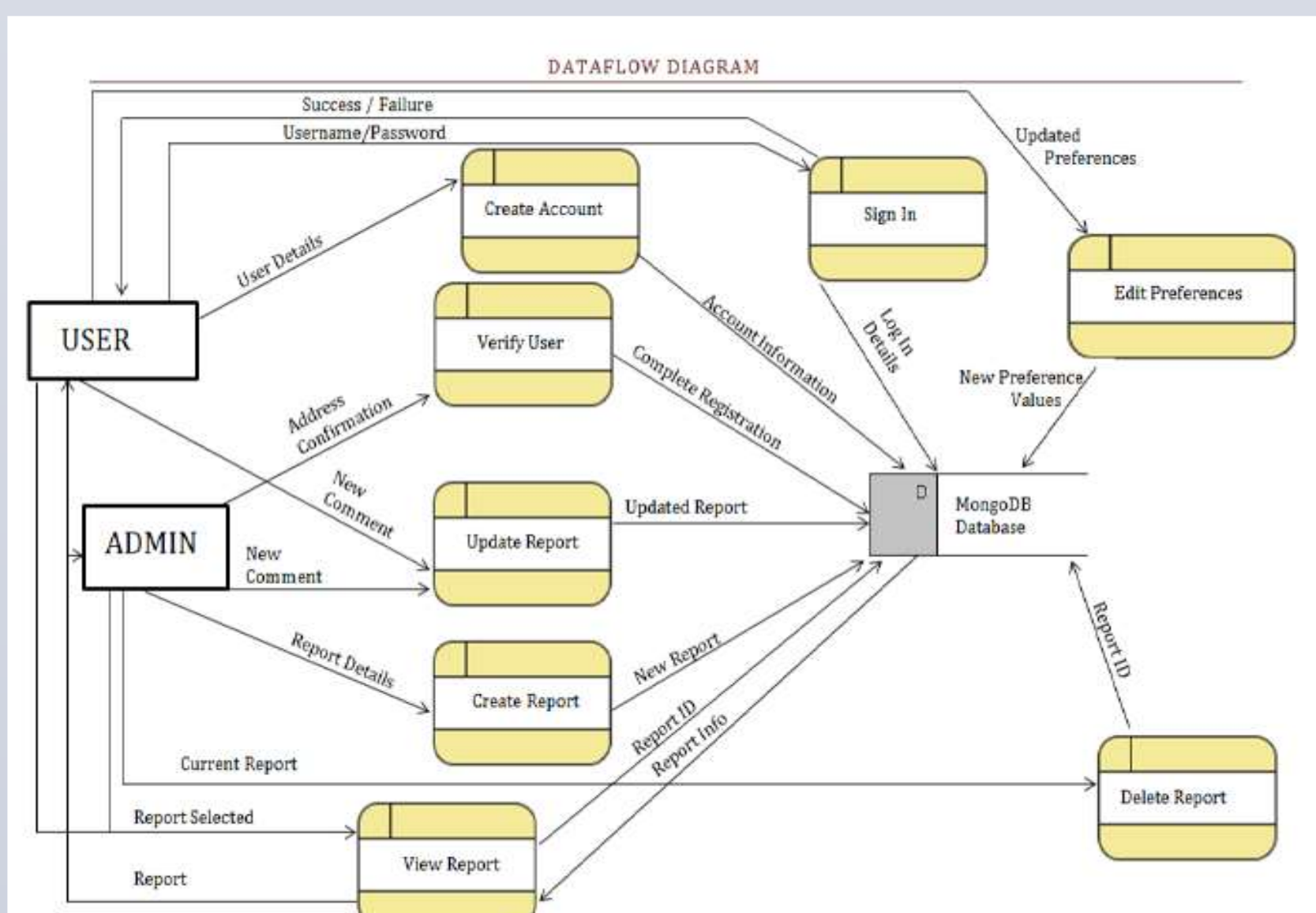
- Meaningful Names
- Small functions with one purpose.
- Keep function arguments to a minimum.
- No comments, explain myself using code.
- Individual source files for each module ("The Newspaper Metaphor").
- Keep line length under 120 characters.

Problems Solved

Cost of Running

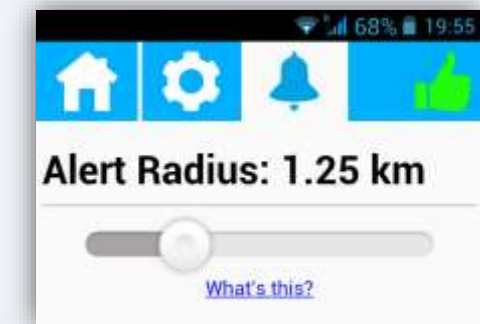
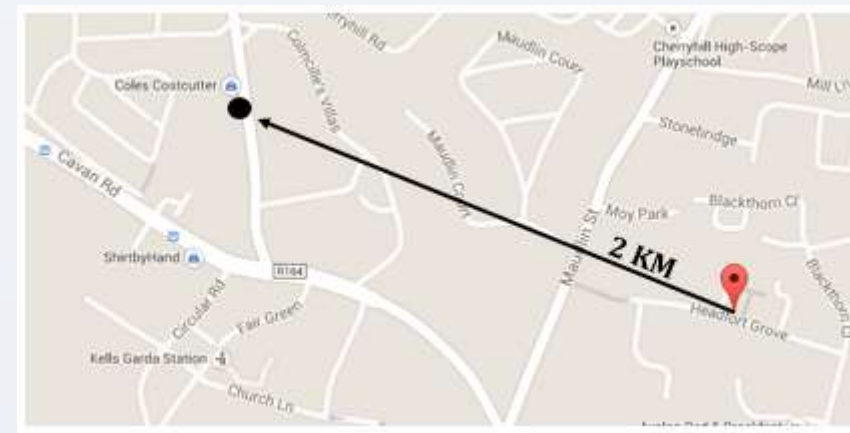
- "The success of the scheme may be its own downfall".
- On average a text alert is sent out every 2-3 weeks.
- Overall cost of sending texts is usually around 360 euro a year.
- On top of insurance cost and cost of sign.
- One member may have to hold phone for the area.
- Could take 20-30 minutes to alert whole community.

Dataflow Diagram



Alert Radius

- Additional Feature to Current Scheme



New Report

046 9293423 - Kells Garda Station

Communities Account Logout

New Report Edit Report Verify User

1. Select Location

Map Satellite

2. Communities

Carnaross

Drumbarragh

Barfordstown

3. Report Description

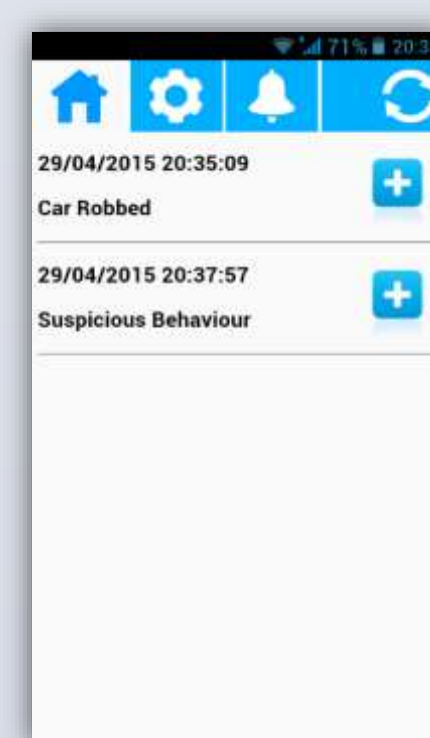
Report Title

Report Description

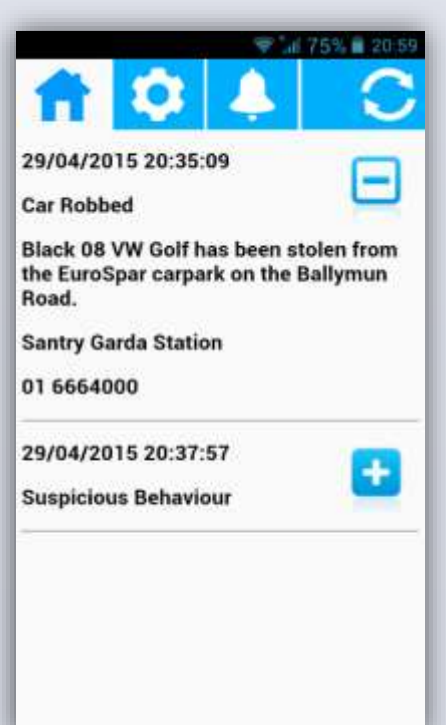
Send Alert

Viewing Reports

- Mobile Application



You can then expand reports to view more information using the expand button.



Screen Shots

