

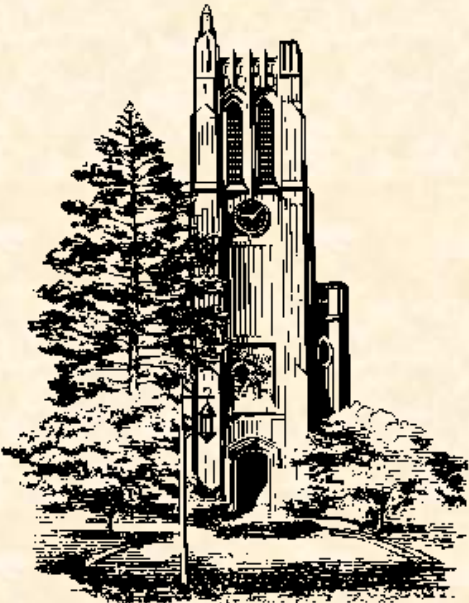
Project Plan Applications for Mobile Devices

Team 1. Auto-Owners Insurance
CSE 498, Collaborative Design

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Project Overview

- iPhone, Windows Mobile, Blackberry
- Locate Agencies
- Gather information
- Submit data to Auto-Owners



Functional Specifications

- Determine user type
 - Validate user if Agent or Insured
- Locate Agencies by GPS, address or ZIP code
- Gather information about potential claim
 - Includes taking pictures
- If user is insured or non-insured
 - Email information to an agent
- If user is an agent
 - Submit data to Auto-Owners



Design Specifications

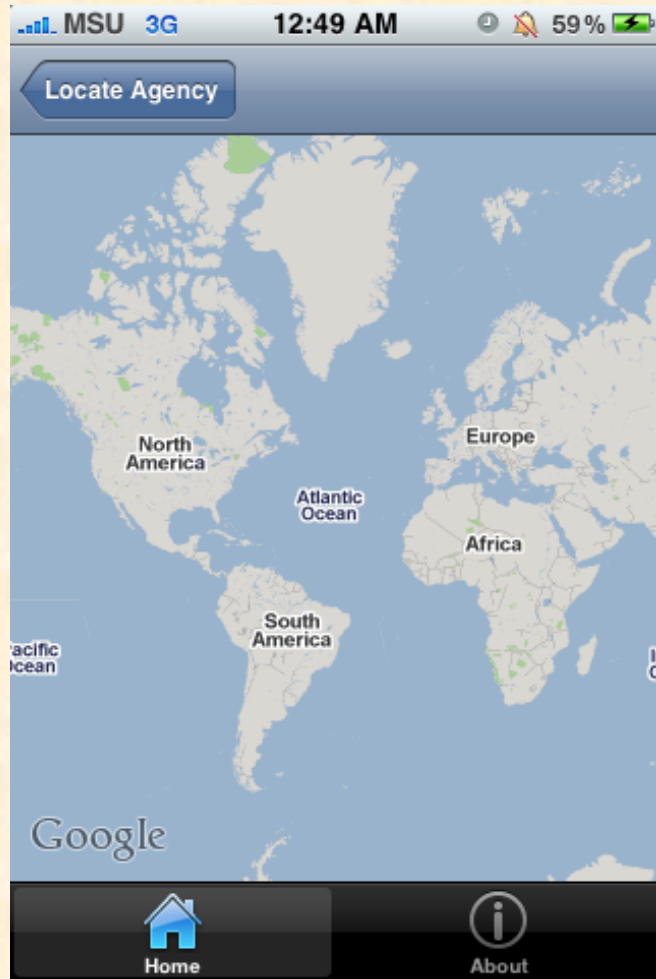


- First-use screen to determine user type
- Main Screen
 - Options to Locate Agency or Gather Information
- Locate Agency
 - Display map with pins for agency locations
 - Clicking pin should display agency information
- Gather Information
 - Text input fields for main information needed
 - Ability to take and store pictures
 - Non-Agent: Send email to a located agent
 - Agent: Start first notice of loss

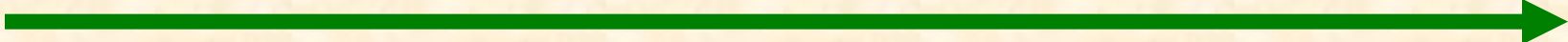
Screen Mockups



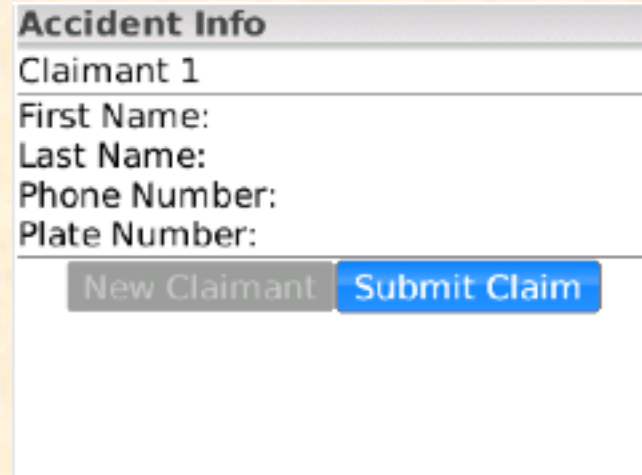
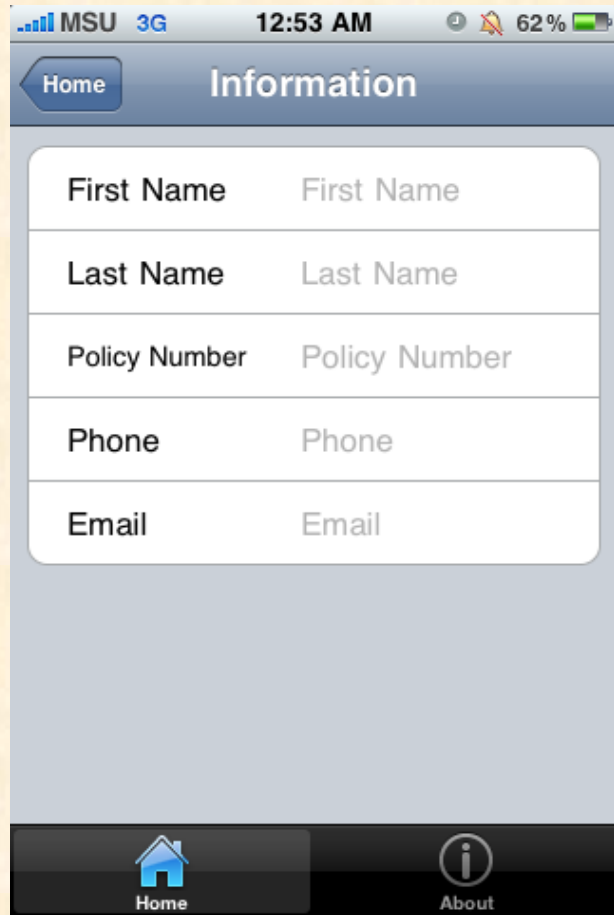
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Screen Mockups Cont.



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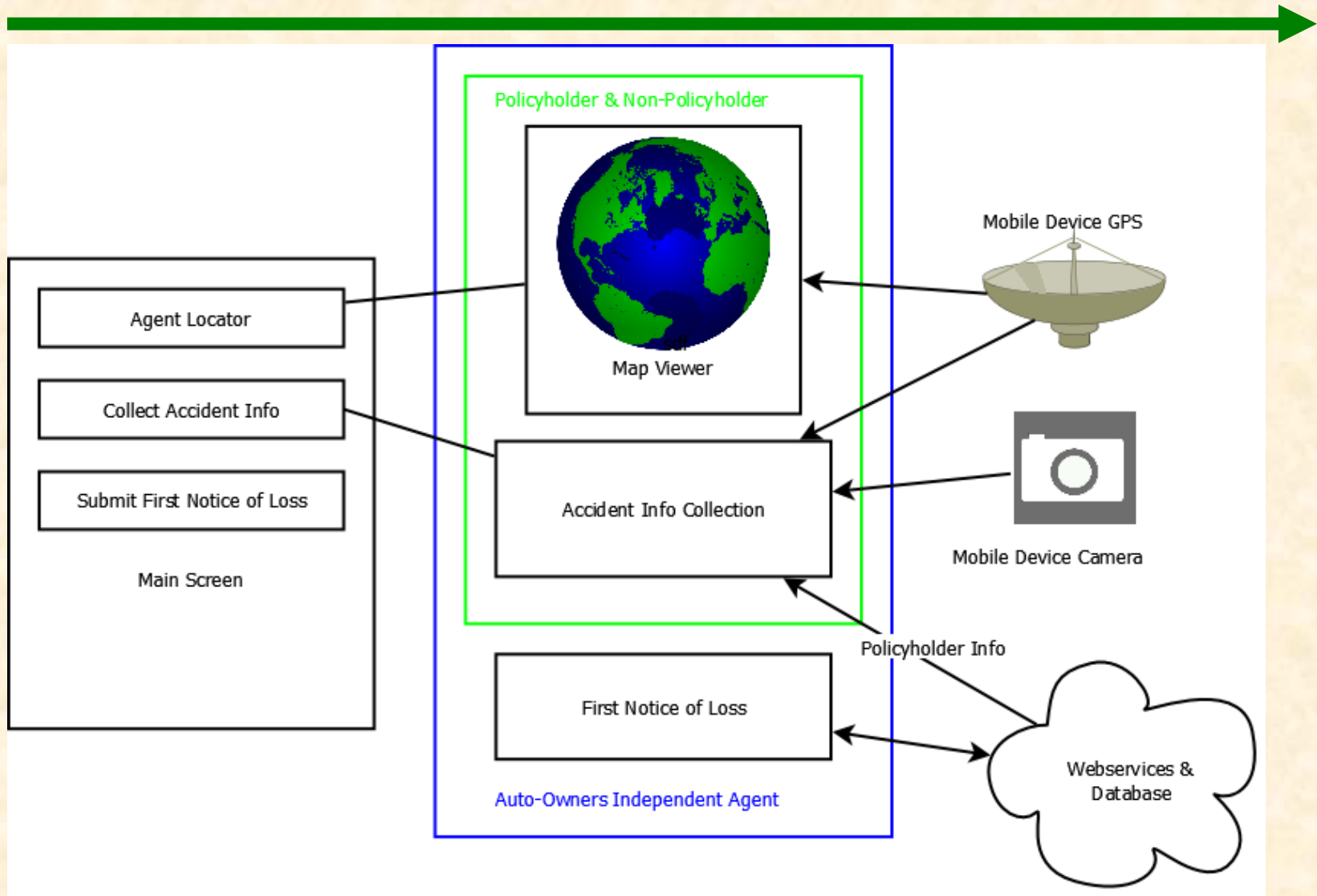
Technical Specifications



- Connect to Auto-Owners web service to retrieve location of agents
- Retrieve policyholder information from Auto-Owners
- Connect to Auto-Owners web service to send information regarding first notice of loss
- Locally store accident/claim information



Architecture Illustrated



System Components



- Hardware Platforms
 - iPhone
 - Windows Mobile
 - Blackberry
- Software Platforms / Technologies
 - iPhone
 - Xcode 3.2 – iPhone 3.0 SDK – Objective-C
 - Blackberry
 - Eclipse 3.4 – BlackBerry 4.5 SDK – Java
 - Windows Mobile
 - Visual Studio 2008 – Windows Mobile 6.0 SDK – C#
 - Apache Web services





Testing

- Simulator testing only for BlackBerry and Windows Mobile
- Hardware testing for iPhone
- Web services stubs created for testing
 - No access to internal Auto-Owners databases
- Usability testing



Risks

- Displaying map in Windows Mobile
- Receiving data from Auto-Owners web services
- Sending data to Auto-Owners web services
- Internet connectivity on mobile devices
- Mobile platform design – usability
- Not having real hardware to test on
 - Handling devices without GPS or camera