



Application Development for Mobile and Ubiquitous Computing

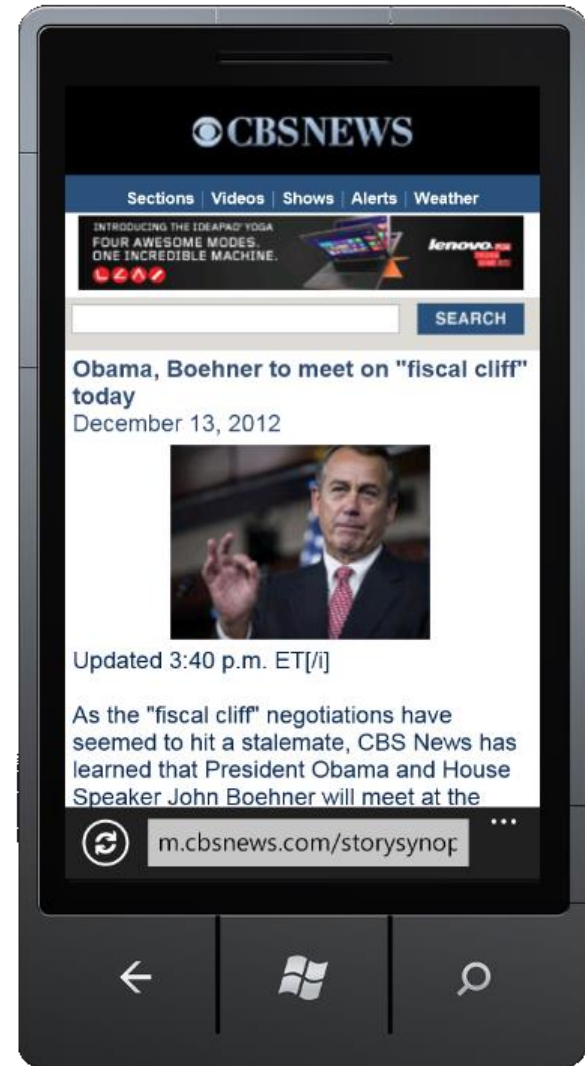
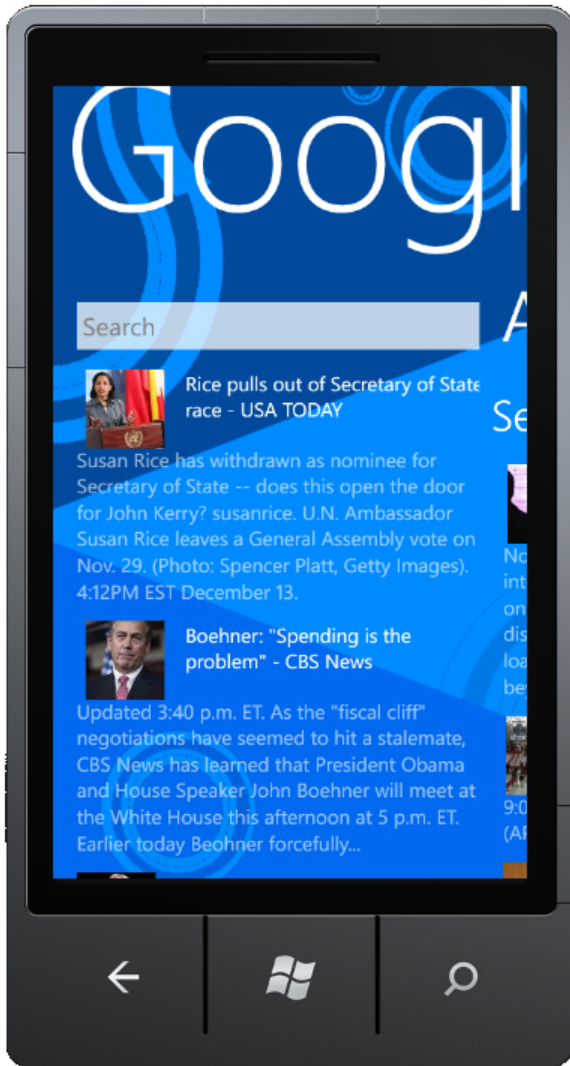
Seminar Task Second Presentation

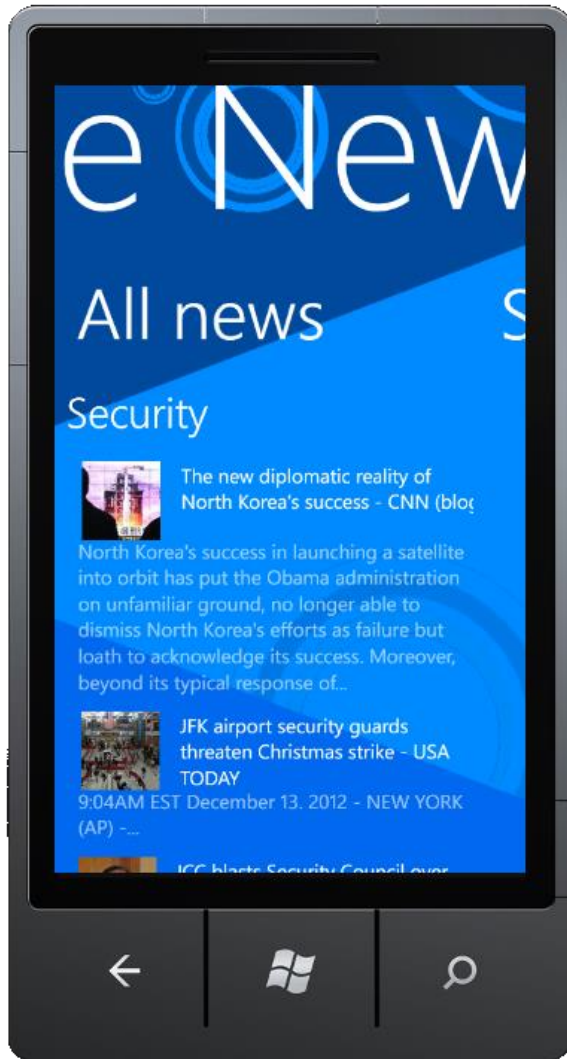
Group No. 17

Team: Vadym Gaievyyi, Vadym Kyrylkov

- Google News Client for Windows Phone
 - Users want to read news everywhere
 - Users don't want to read all in a row but only their personalized preferences
 - Google News Service can provide personalized news by keywords
 - There are still no similar application in Windows Phone Store

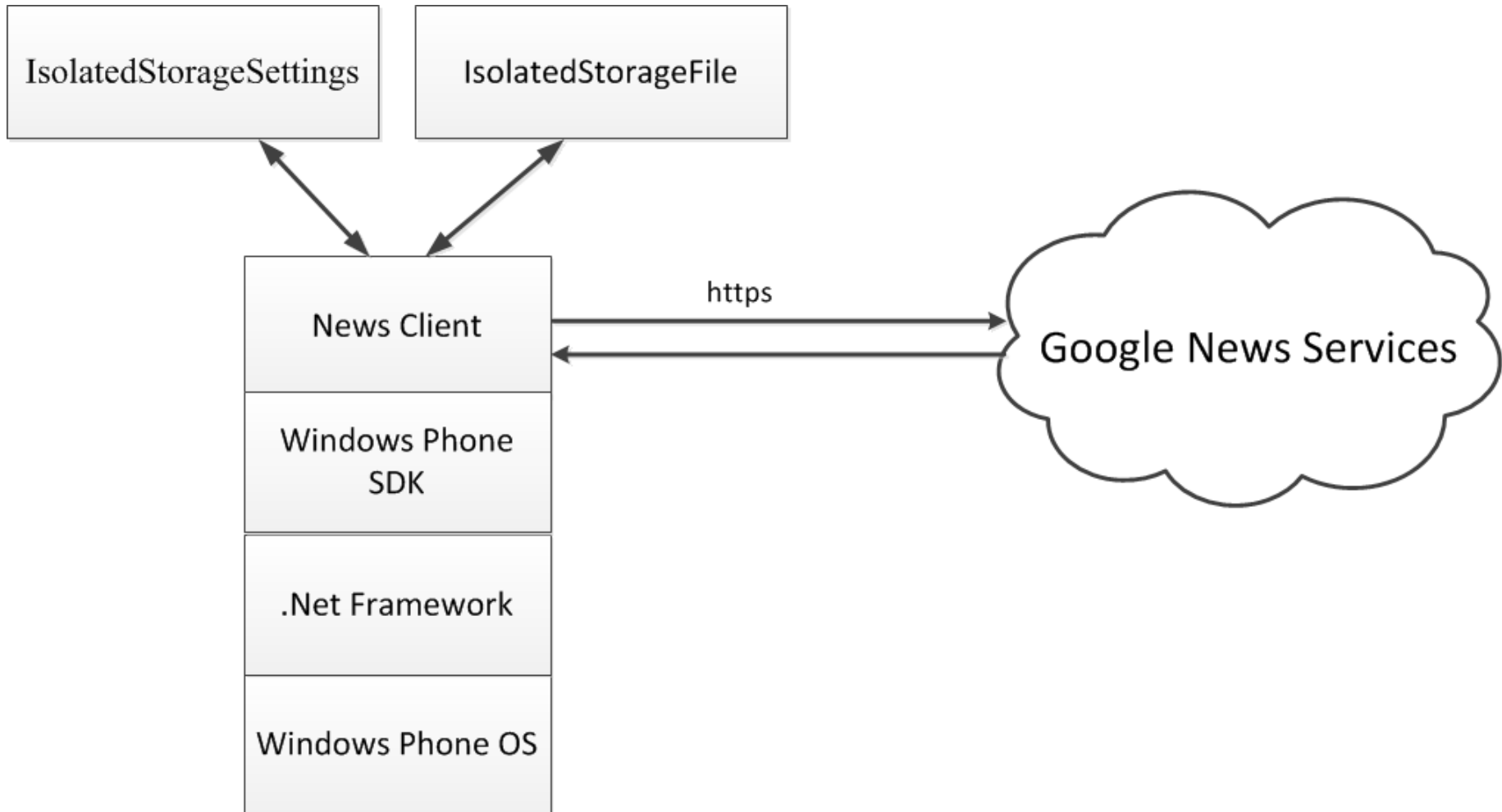
- Prerequisites:
 - Download and install application from Windows Phone Store;
 - Create user's news preferences in app's settings using key words, e.g. "Security", "Windows Phone", "Google", "Politics", "Germany" etc.;
- Use cases:
 - Read Top news on the first screen;
 - Read personalized news grouped by sections on the second screen
 - View all sections and read enhanced news list of selected category on the third screen
 - Search news





- News are grouped by sections
- There are displayed name, description and image for every news on all screens
- News are downloaded asynchronously (one by one)
- XML data are saved in isolated file storage

- .Net Framework 4.5
 - Silverlight (XAML, Isolated Storage)
 - C#
- Windows Phone SDK 8.0
- Google RSS API
- XML
- RSS



- Hardware
 - CPU: 800 MHz
 - RAM: 256 Mb
- Software:
 - Windows Phone 7.1 or higher
 - Windows Phone 8
- Internet Connection

- The Google News Search API has been officially deprecated on May 26, 2011
- Display news in real-time
- Support offline mode
- Unstable network connection and low bandwidth
- Small screens

- Next steps:
 - Offline mode
 - Settings
 - Search
 - Display Live Tiles
 - Errors handling

Thanks for Attention!