Heather Cape	**ForUs Apps**
V00795197	**Time and Location Based Restaurant Specials**
January 6, 2016	**1.0**

Version	When	Who	What
1.0			Initial Drafting

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1.0 Problem description / expression of need

Locals and tourists in Victoria do not have a simple way to see what daily deals or happy hours are happening without individually going to restaurants or looking them up online. There are systems to see the nearby businesses, and places where restaurant deals can be found, but one system that does both does not exist. This problem solution would address the use case of "Where should we eat? Are there any specials happening nearby?

2.0   Project Objectives

Users on mobile devices should be able to: See nearby restaurants on a map, find any current specials (happy hour, daily) for those restaurants, view a detailed page for each restaurant with all regular specials (ie. The page will list all specials from Monday-Sunday and happy hours), search by restaurant, search by day of the week, search by time.

3.0 Current System(s)

Similar concepts exist for larger American cities, but few have expanded beyond one city.

4.0 Intended users and their interaction with the system

Locals and tourists in Victoria of all ages and technical skills, but specifically those who are looking to save some money, such as students. Users will need mobile phones with them to find restaurants, or can look up restaurants and specials before they go out.

5.0 Known interaction with other systems within or outside the client organization

Map and locations of businesses

Database of individual restaurant details and specials

Mobile devices' location service and date-time

6.0 Known constraints to development

App must be accurate in business location and information (keep up to date)

The system will build upon an existing map system (Google Maps etc.)

The app must have data for a specific range of Victoria (1km^2 downtown area)

7.0 Project Schedule

Requirements Definition Jan 21
Business website up Jan 21
Formal Requirements Feb 16

Detailed Requirements March 1
Prototype Demo Mar 3
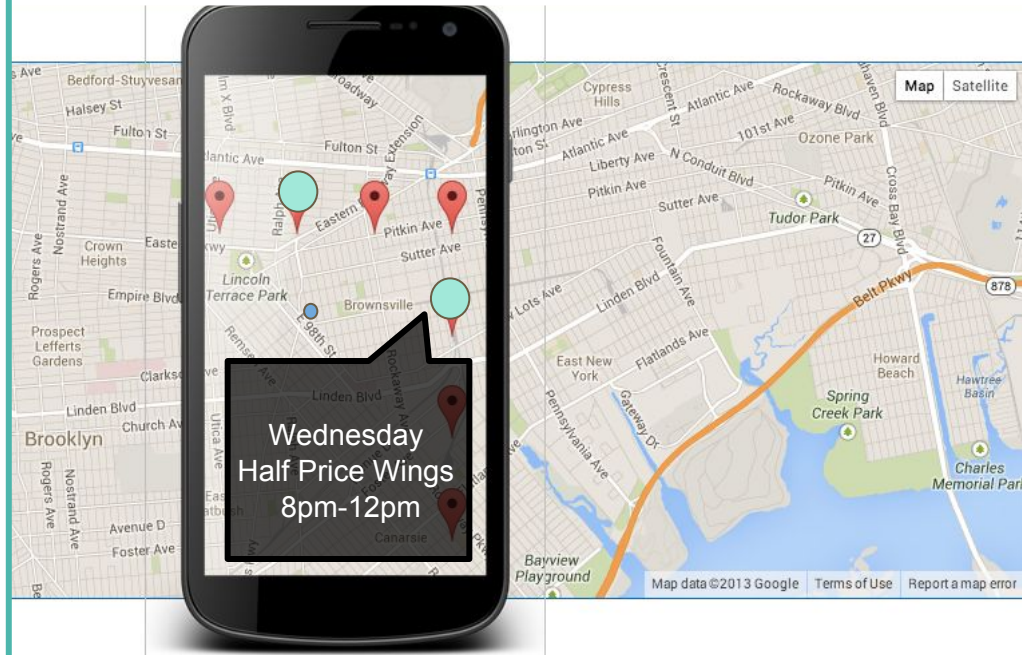Final Requirements Mar 15
User Manual Mar 22
Final Prototype Mar 31

8.0 Project team

9.0 Glossary of terms

Heather Cape
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Location & Time Based
Restaurant Specials

- Map interface with local restaurants

- See nearby specials currently happening

- Search specials by day, time, or category

Wednesday
Half Price Wings
8pm-12pm

Resume

Heather Cape V00795197

<u>Skill confidence level:</u>
▲ **High Confidence,** ▸ **Moderate Confidence,** ▾ **Lower Confidence**

▲ **Project Management**

- Management of SENG 299 project; assigning roles, ensuring progress, assembling section of documentation, clarifying details with professor for group.
- Familiarity with group collaboration programs such as Slack messaging
- Experience in an agile development cycle

▸ **Documentation Writer**

- Primary document editor and one of the main contributors for requirements documentation for SENG 299
- Primary document writer and editor for SENG 310 reports and ui descriptions

▸ **Webmaster**

- Skills in HTML, CSS, Javascript, Typescript, Angular JS and subversion using Git.
- Maintaining personal website
- Co-op in Fall 2016 designing and building a web app in the technologies listed above.

▸ **Toolsmith**

- Experience with Git and Github for version control in a group setting
- Experience with languages such as Java, Python, and C

▾ **Design Expert**

- Limited knowledge of UML diagrams from SENG 299, mostly editing them, not making them personally

▲ **Interface Expert**

- Primary designer for successful project of bookstore app created in SENG 310
- Presenter of design in SENG 310
- Experience with Photoshop and Invision prototyping software
- Background in art and eye for detail

▾ **Analyst**

- Some experience writing unit test for frontend development