

Software Specification Requirements:
IdentiFisher
Group 7

McDonald, Christopher
1312456

Guo, Tian
1327833

Murray, Shandelle
1303109

Cheung, Ocean
1316057

March 7, 2016

Contents

Revision 0: This is the first draft written from the authors listed on the Title page. Revision 1: Due to constructive criticism from the TAs of the Software Engineering 3A04 Winter 2016, the following sections have been changed:

- Section 1.3: Abbreviations
- Section 2.3: User Characteristics
- Section 3: Functional Requirements Reformatting
- Section 4: Non-Functional Requirements

1 Introduction

1.1 Purpose

The purpose of the SRS is to provide a detailed account of all the expected functions and requirements of the software system. It will go into detail regarding the system as a whole, who we expect to use it, and any relevant information one would need to endorse or build the system. Lastly, we will outline both the functional and non-functional requirements of the project that are necessary for the system's success. The intended audience of this document includes any stakeholders that are involved in this project. This could include, but is not limited to, the investors, developers, managers, marketers and human resource workers. Every person who is an entity in the aforementioned list should take an interest in the details outlined hereafter to ensure that every person has a clear idea of what the software system should do.

1.2 Scope

The software system will be named hereafter as IdentiFisher, which is an Android application. This system will be a utility application for anyone who fishes, either recreationally or competitively. It will service beginner to experienced fishers. Identifisher will allow the user to give information about a recently caught fish and help to identify what type of fish it is. From there, it can collect data and track which types of fish are caught where. The aim is to build a global logging system that will provide percentage catch rates by lake, educate young, novice fishers, and integrate technology into a relatively non-technological field.

1.3 Definitions, Acronyms, and Abbreviations

Definition:

- IdentiFisher - The application being referenced in this document.
- Expert - A module which can identify types of Fish when given data of a predetermined domain

Acronyms:

- API - Application Program Interface
- OS - Operation System
- SDK - Software Development Kit
- GPS - Global Positioning System

Abbreviations: There are no abbreviations that are required knowledge for this document.