

ParkFinder
Software Requirements Document
SE 3A04

Abdul Ahad
akhterraa

Salma Belal
belalsm

Josh Chatten
chattejj

Nathanael Jordan
jordanen

Robert Stuart
stuarr2

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1 Introduction

1.1 Purpose

1.2 System Description

1.3 Overview

2 Use Case Diagram

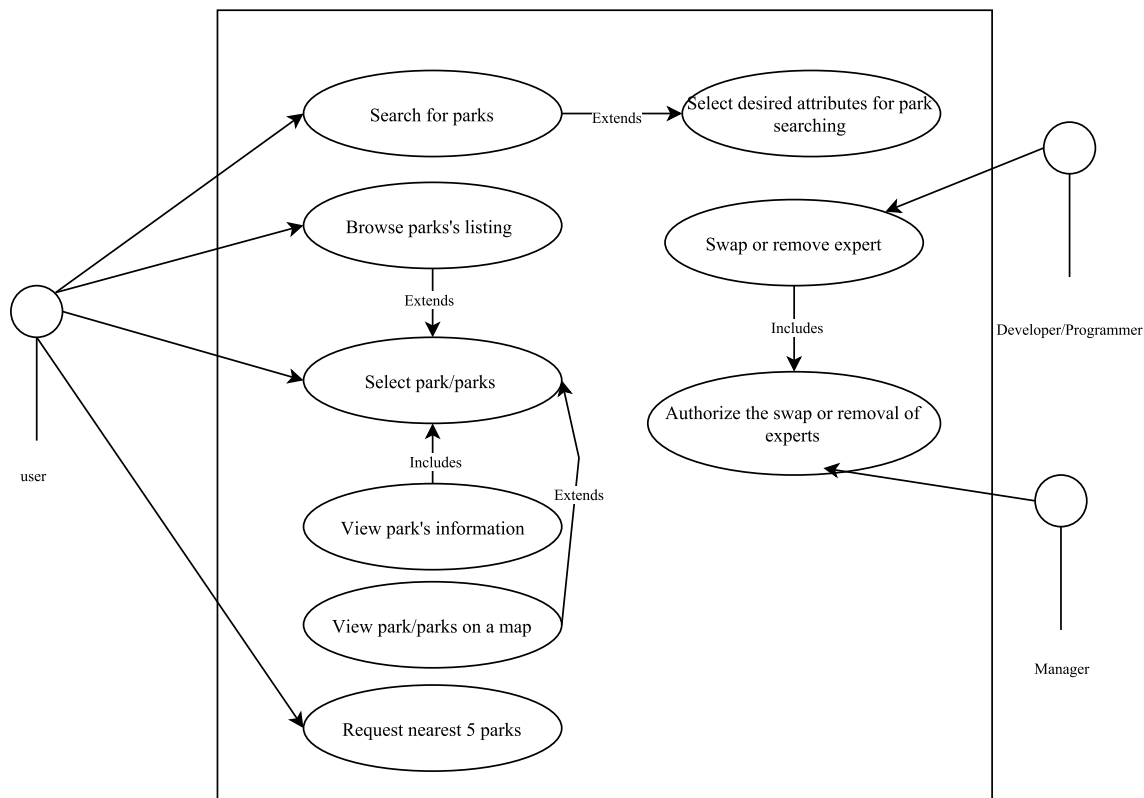


Figure 1: Use Case Diagram

- a) **Search for parks:** The user searches for parks. This is accomplished by consulting experts based on which park attributes were selected by the user.
- b) **Browse park's listing** User browses a list of parks, this list can either be the result of a previous search action or a default list (all parks).
- c) **Select park(s):** User selects a park or several parks from the list they were browsing, this displays addition park information to the user as well as the park(s) on a map if desired.
- d) **Request nearest 5 parks:** User requests the five nearest parks to their current location. *should request nearest 5 parks be linked to browse park listing?*
- e) **Swap or remove expert:** A developer attempts to swap or remove an expert from the system, the system requires authorization from a manager for the change to occur.
- f) **Authorize expert modification:** *is this a use case? or part of the swap/remove use case?*

3 Analysis Class Diagram

4 Architectural Design

4.1 System Architecture

4.2 Subsystems

5 Class Responsibility Collaboration (CRC) Cards

A Division of Labour

Contributions	Name	Signature
x	Abdul Ahad	
x	Salma Belal	
x	Josh Chatten	
x	Nathanael Jordan	
x	Robert Stuart	

IMPORTANT NOTES

- Please document any non-standard notations that you may have used
 - *Rule of Thumb*: if you feel there is any doubt surrounding the meaning of your notations, document them
- Some diagrams may be difficult to fit into one page
 - It is OK if the text is small but please ensure that it is readable when printed
 - If you need to break a diagram onto multiple pages, please adopt a system of doing so and thoroughly explain how it can be reconnected from one page to the next; if you are unsure about this, please ask about it
- Please submit the latest version of Deliverable 1 with Deliverable 2
 - It does not have to be a freshly printed version; the latest marked version is OK
- If you do NOT have a Division of Labour sheet, your deliverable will NOT be marked