

Functional Requirements

UR1 The system is a shop finder. The system can search by following criteria

UR1.1 x meters around a POI

UR1.2 by category

UR1.3 by name

UR1.4 or a combination of these

UR2 Shops and POIs are stored in a database

UR3 The database is filled via a Unix command pipeline

UR4 The user can save searches as favorite

UR5 The user can add/edit/deleted shops and favorites

UR 6 Favorites are stored in a database

UR7 The system needs to provide a queue to add/edit/delete data into the database

Key Concepts

Shop finder **Abstract concept**

search **Function**

by category **Abstract concept**

by name **Abstract concept**

x meters Around **Abstract concept**

combination **Abstract concept**

POI **data**

Shop **data**

database **data**

Unix command pipeline **Function**

user **Stakeholder**

save **Function**

favorite **Data**

filled **Function**

add **Function**

edit **Function**

delete **Function**

stored **Function**

queue **Function**

