Software Requirements

# Introduction

# Requirements Gathering

## Functional Requirements

### User Interaction

* U1 The user should be able to access the chatbot in a browser
* U2 The user should have a text box to type their query
* U3 The user should clearly see the response of the chatbot in the webpage
* U4 The user should be able to clearly see their conversation with the chatbot in the webpage

### Queries

* The chatbot can answer basic questions about people:
  + Abstract
  + Birthdate
  + Age
  + Birth place
  + Death date (if applicable)
  + Known for
  + Photo of them
  + Link to Wikipedia page
* The chatbot can answer questions about countries:
  + Population
  + Capital
  + Description
  + Flag
  + Map location (link to Google maps)
* The chatbot can perform advanced query searches and comparisons:
  + People
    - People born on given year
    - People born in given city
    - Winners of given award
    - Winners of given award from given country
  + Countries
    - List of countries with given official language
    - Notable people from given country
    - List of countries by population
* Conversation
  + Greet user
  + Give example queries
  + Help – describe function of the chatbot