

# COSBAS Functional Requirements Documentation

Git: <https://github.com/undecidables/Requirements-Documentation>

<**undecidables**>

Elzahn Botha

Jason Richard Evans *u13032608*

Renette Ros

Szymon Ziolkowski

Tienie Pritchard

Vivian Venter

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# 1 Functional Requirements

## 1.1 Introduction

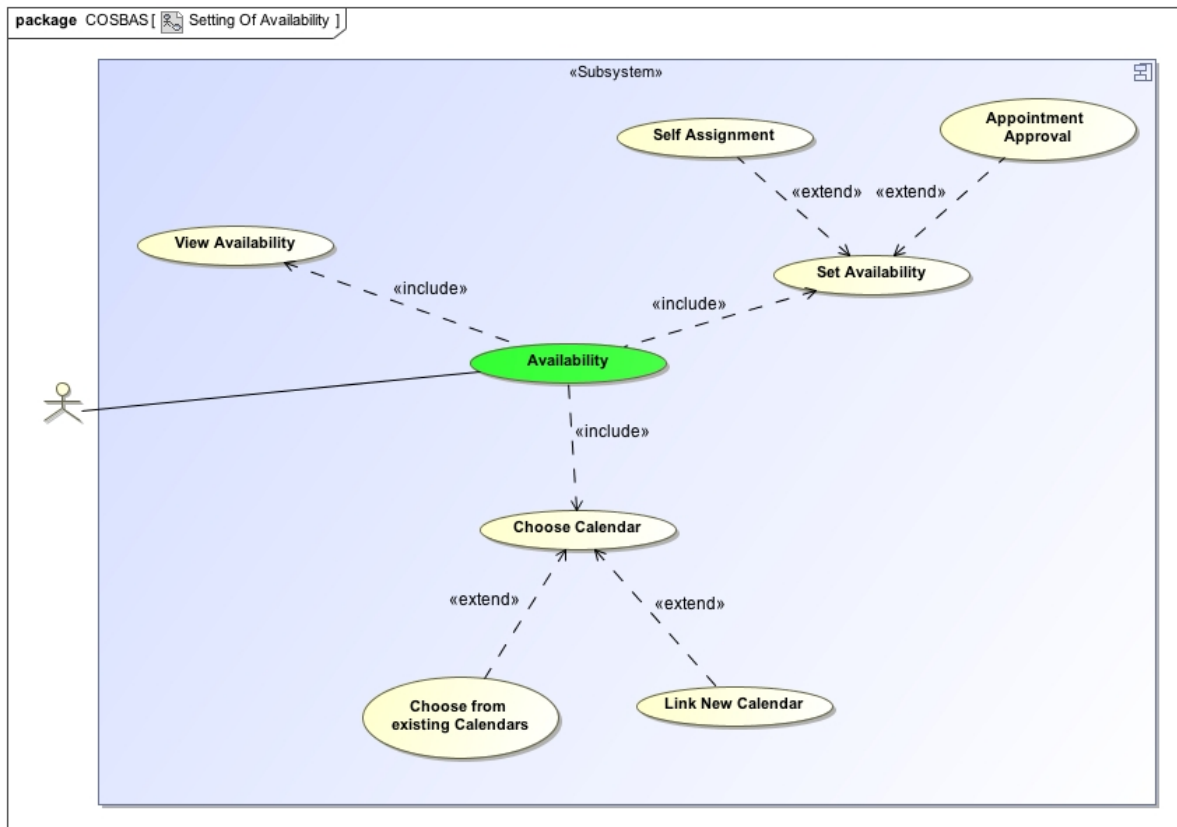
In this section of the document we will identify and address a high level overview of the COSBAS (Computer Science Biometric Access System) system.

## 1.2 Use Case Prioratisation

## 1.3 Use Cases / Services Contracts

### 1.3.1 Setting of availability

The following functionality of creating and setting will be available to only signed in users. Users who are not authorised or signed into the system will only be granted read-only privileges.



#### Choose Calendar

*Priority: Critical*

An authorised user of the system should be able to select which calendar account to associate with the system. If the user chose a linked service, then that service needs to be authenticated.

**Pre-conditions:** The user should be logged into the system and already have a calendar account from the linked services (Google & Outlook).

**Post-conditions:** Once the user has chosen the calendar to associate with the system, all updates in availability will be amended in that specific calendar.

#### View Availability

*Priority: Critical*

Both the authorised user and a non-authorised user (or guest) should be able to have a

read-only functionality of viewing the availability of the associated staff member on their calendar.

**Pre-conditions:** An associated calendar for the staff member should exist.

**Post-conditions:** Be able to see whether the associated staff member has an appointment at a certain date and time or if they are free for appointments.

#### **Set Availability**

*Priority: Critical*

The authorised user should be able to set whether s/he is available at a certain date or time or if they have an appointment at a specific date or time. This can be set by the staff member himself/herself or by the approval of an appointment.

**Pre-conditions:** The user should be authorised and logged in and a calendar should exist.

**Post-conditions:** The linked calendar should be updated with the particulars specified by the authorised user. (CRUD of appointments).

### **1.4 Required Functionality**

### **1.5 Process Specification**

### **1.6 Domain Model**