# **[FR\_P]Profile System**

[FR\_P\_C] create patient account

-Description : this function is used to create a new patient profile

-Inputs : name , gender ,nationalID,dateOfBirth

-Outputs : Boolean result , 1 for success , 0 for fail

-Pre-conditions : nationalID is in correct format , date of birth is less than now() .

-post-conditions : all patients interactions will be binded to his profile by his nationalID

[FR\_P\_V] view all patient accounts

-Description : this function is used to view all patient accounts

-Inputs : none

-Outputs : all patient records encoded in json format

-Pre-conditions : function caller is of kind : receptionist or doctor

-post-conditions : check for updates in records each 10 seconds . (by setting async callbacks )

[FR\_P\_U] update patient accounts

-Description : this function is used to update a record from patient accounts , and record updating history in a database table including updater ID and type .

-Inputs : nationalID , array [ columnNames => updatedValues ]

-Outputs : Boolean result , 1 for success , 0 for fail

-Pre-conditions : patient exists in the database ,function caller is of kind : receptionist or doctor

-post-conditions : callers of [FR\_P\_V] will see the updated version in a max of 15 secs

[FR\_P\_D] Delete patient account

-Description : this function is used to delete an existing patient profile .will perform soft delete where the record is still existing in the database for analysis purposes .

-Inputs : nationalID

-Outputs : Boolean result , 1 for success , 0 for fail

-Pre-conditions : patient exists in the database ,function caller is of kind : receptionist or doctor

-post-conditions : callers of [FR\_P\_V] will see the updated version in a max of 15 secs

[FR\_P\_R] Read patient account

-Description : this function is used to read an existing patient profile .will perform soft delete where the record is still existing in the database for analysis purposes .

-Inputs : nationalID

-Outputs : patient record encoded in json format

-Pre-conditions : patient exists in the database ,function caller must be signed in .

-post-conditions : none