

ROBOT APOCALYPSE API DEVELOPMENT DOCUMENT

Overview

The Robot Apocalypse API is meant to store information about the survivors, as well as the resources they own:

1 ROLES AND RESPONSIBILITIES

a. Survivors

Anybody can register a survivor on the system (infected or not).

DATABASE TABLE ANALYSIS

1. Table **survivor_master**

tbid integer not null identity(1,1) primary key – An auto increment field to give table data id and it has primary key

id varchar(50) not null – stores survivor id

idtype varchar(50) not null – stores survivor id type

fullname text not null stores - survivor name

age varchar(5) not null – stores survivor age

gender varchar(20) not null – stores survivor gender

locationlatitude varchar(50) – stores survivor location latitude

locationlongitude varchar(50) – stores survivor location longitude

infected nvarchar (5) not null CHECK (infected in('No', 'Yes')) DEFAULT 'No' – stores infection status

datecreated datetime not null – stores date survivor data was added

datelocationupdated datetime – stores date survivor location was last updated

date_infectionstatus_updated datetime – stores date survivor infection status was updated

2. Table **survivor_inventory_master**

itemid integer not null identity(1,1) primary key – An auto increment field to give table data id and it has primary key

itemname varchar(500) not null – stores name of inventory,

survivorid varchar(50) not null – stores survivor id

dateuploaded datetime not null – stores date inventory was uploaded

3. Table **survivor_infected_report**

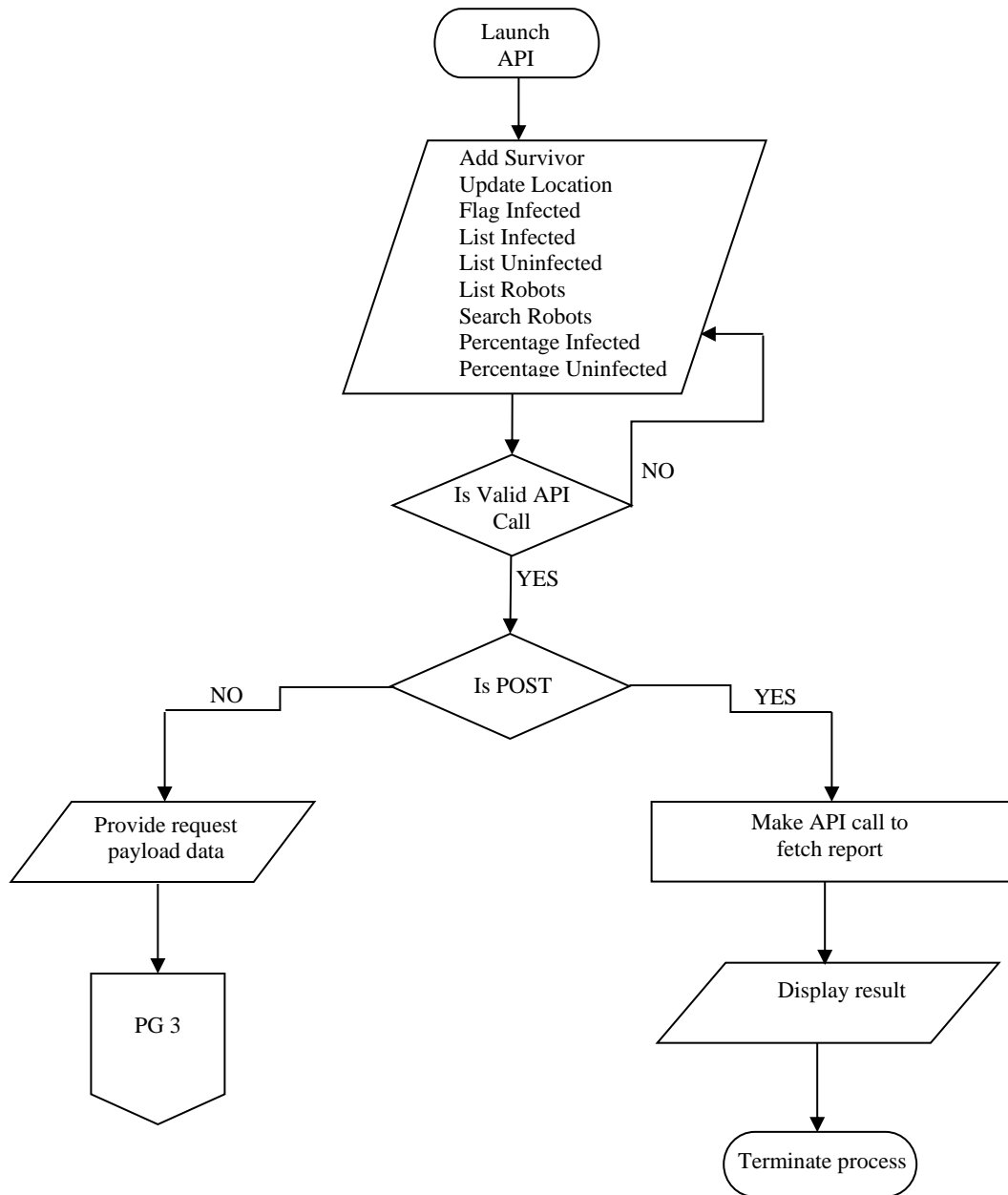
countid integer not null identity(1,1) primary key – An auto increment field to give table data id and it has primary key

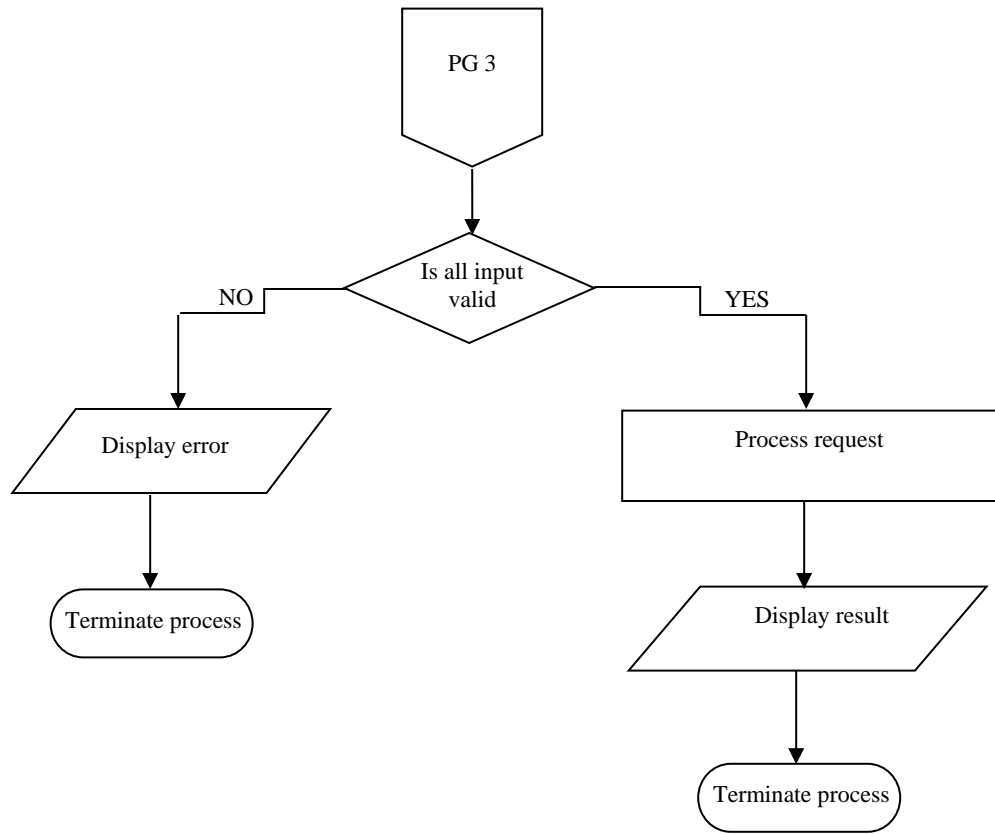
survivorid varchar(50) not null – stores survivor id

dateuploaded datetime not null – stores date data was uploaded

SYSTEM DESIGN

The following is the architectural design of the process flow of the system





System Developer

I certify that this software development document is complete, I have successfully completed development and unit testing.

Date__19-03-2022_____

System Developer: _CHRISTIAN_CHIDUBEM_ENEBELI_