Mirza Mukkaram Baig
Bsce 19029
Group: R
Note: The UML Diagram is according to
Abdaptable Approach. Therefor changes can be
made during the buliding of the Project

Organisation

-Organisation Name: String
-Contact Number: String
-Center Count: int
-Center Count: int
-Center Locations: **String
-Total Vaccine: int

+Constructor(String, String, int, int)
+Change Organistaion Name(String): void
+Get Organistaion Name(): String
+Get Contact Number(): String
+Change Contact Number(String): void
+Add Center (String): void
+Get Total Vaccine: int

Manager

-Manager Name: String
-Contact Number: String
-CNIC: String
-Age: int

+Set Name(String): void
+Set Contact(String): void
+Set CNIC(String): void
+Set Age(int): void
+Get Name(): String
+Get Contact(): String
+Get CNIC(): String
+Get Age(): int

Center

-Manager Name: String
-Vaccine Count: int
-Location: string
-Available Slot: String
-Center Reg Number: String

+Get Manager Name(): String
+Get Vaccine Count(): int
+Add VaccineCount(int): void
+Change Manager Name(String): void
+Get Available Slot():String
+Get RegNo(): String

Citizen

-Name: String
-S/O, D/O, W/O: String
-Address: String
-Age: int
-Dosage 1: bool
-Dosage 2: bool
-CNIC: String
-Contact Number: String
-DOB: String

+Set Details(String, String, String,
int, String, String, String): void
+Doae1(bool): void
+Doae2(bool): void

Dosage 1

-Blood Pressure: String
-Pulse: int
-Temprature: Float
-Time: String

+Set Details(String, int, float, String)
+Get Bp(): String
+Get Pulse(): int
+Get Temp(): float
+Get Time(): String

Dosage 2

-Blood Pressure: String
-Pulse: int
-Temprature: Float
-Time: String

+Set Details(String, int, float, String)
+Get Bp(): String
+Get Pulse(): int
+Get Temp(): float
+Get Time(): String

0..*   1

1   1

1   1

0..*

1   1

Center

Shows CNIC

Verify CNIC

<<Include>>

<<Exclude>>

Invalid CNIC(Expired or Not in Data Basis)

Enter Details(Name, Contact, Age etc)

Citizen

Organisation

Dose 1

<<include>>

Vaccination Slip

Dose 2

<<exclude>>

Madical Details(Bp, Pulse, Temperture)

<<Include>>

Reading Bp, Pulse, Temprature

<<exclude>>

Check Bp, Pulse, Temprature