## Database design on cloud server

**Machines**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| PK | INT | serialNumber | The D1 serial number |
|  | INT | Status | Active / Deactivated |
|  | DATETIME | activatedOn | Activate datetime. |
|  | INT | parentProfileId | Parent profile Id owner of this machine [removed] |
|  | TEXT | Firmware\_version | Firmware version |
|  | TEXT | HWConfig | Hardware configuration |
|  | TEXT | MacAddress | MAC Address |
|  | VARCHAR | IPADDRESS | IP Address of host with port |
|  | INT | Status | active / inactive |

**ParentProfiles**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| PK | INT | parentProfileId | Parent profile Id |
| FK | INT | machineId | Machine ID associated with this APP |
|  | INT | isMachineOwner | Bool. Yes/no. |
|  | TEXT | Name | Name of parent |
|  | INT | deviceId | Customer Device ID on which App is installed |
|  | INT | deviceTypeId | Device type Id (android or iphone or ipad) |
|  | TEXT | Imei | IMEI number |
|  | TEXT | TokenId | Device TokenId |
|  | INT | Status | Active / inactive |

**ChildProfiles**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| PK | INT | ChildProfileId | Child Profile Id |
| FK | INT | ParentProfileId | Parent Profile Id |
|  | Profile | ChildName | Machine ID associated with this APP |
|  | INT | Status | Active / inactive |

**Pictures**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| PK | INT | PictureId | Picture Id |
| FK | INT | ChildProfileId | ChildProfile Id |
|  | INT | parentProfileId | Parent profile id |
|  | VARCHAR | Filepath | Picture file path on server |
|  | INT | Status | Active / inactive |

**MachineLogs**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| PK | INT | LogID | Log Identifier |
| FK | INT | MachineId | Machine ID |
|  | DateTime | DateTime | Date Time of Log |
|  | INT | Data | Data |

**ChildStats**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| FK / PK | INT | ChildProfileId | Child Profile Id |
|  | INT | parentProfileId | parentProfileid |
|  | DATETIME | DateTime | Date/time when data was updated |
|  | INT | Diapers | Number of Diapers changed |
|  | INT | Weight | Weight of profile |
|  | INT | Height | Height of child |
|  | VARCHAR | Food | Food Given |
|  | INT | Vaccine ID | Vaccine given |

**ChildBrewingPreferences**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| PK | INT | ChildProfileId | Child Profile Id |
|  | INT | Temperature | Temprature |
|  | INT | Milk | Milk quantity |
|  | DATETIME | updatedOn | Last updated On |
|  | INT | parentProfileId | parentProfileId |

**Vaccines**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| PK | INT | VaccineId | Vaccine Id |
|  | VARCHAR | Title | Vaccine Name |

**LogBook**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| PK | INT | ChildProfileId | Child Profile Id |
|  | DATETIME | Datetime | Date time of log entry |
|  | NVARCHAR | DESC | Log Entry |
|  | INT | parentProfileId | User Id who added/updated this log |

**Users (for admin section)**

|  |  |  |  |
| --- | --- | --- | --- |
| Key | Id | Name | Description |
| PK | INT | UserId | User Id |
|  | VARCHAR | Username | Username for login on admin section |
|  | VARCAHR | Password | Password MD5 |
|  | VARCHAR | Name | User’s name |
|  | VARCHAR | Email | Email address |
|  | INT | RoleId | User Role Id |
|  | DATETIME | LastLogin | LastLoginDate |
|  | VARCHAR | LastLoginIP | LastLoginIP |