**CheckedIn Documentation**

## CheckedIn Cloud Firestore Database Structure (App as a Service)

* **UID (Collection)**
  + **<Company UID> (Document)**
    - company\_uid: <Company UID> (String)
    - company\_email: <Company Email> (String)
    - company\_name: <Company Email> (String)
    - company\_profile\_picture: <Profile picture url>
    - **Employees (Collection)**
      * **<Employee UID> (Document)**
        + employee\_uid: < Employee UID> (String)
        + company\_uid: < Company UID> (String)
        + employee\_email: <Employee Email> (String)
    - **Employer (Collection)**
      * **<Employer UID> (Document)**
        + employer\_uid: <Employer UID> (String)
        + company\_uid: < Company UID> (String)
        + employer\_email: <Employer Email> (String)
* **Companies (Collection)**
  + **<Company UID> (Document)**
    - company\_name (String)
    - company\_email (String)
    - <other company details>
    - **Employees (Collection)**
      * **<Employee UID> (Document)**
        + employee\_uid
        + company\_uid
        + employee\_email
        + employee\_first\_name
        + employee\_last\_name
        + employee\_profile\_picture
        + department\_name
        + employee\_position
        + employee\_hourly\_rate (Map)

<update dd-mm-yyyy>: (double)

* + - * + employee\_is\_checked\_in
        + address (Map)

address\_1

address\_2

city

country

pin

* + - * + <Other employee information>
        + **Checkins (Collection)**

**<day-month-year> (Document)**

<Check in hh:mm>: <Check out hh:mm>

<Check in hh:mm>: “ongoing”

* + - * + **Tasks (Collection)**

**<Task name> (Document)**

task\_name (String)

task\_description (String)

<task\_start\_date (String in “DD-MM-YYYY” format)> (List)

task\_start\_time (TimeStamp)

task\_end\_time (TimeStamp)

location (Map)

latitude: <latitude>

longitude: <longitude>

location: <String of address>

task\_project: <the name (uid) of the project this task belongs>

tag: <name of the tag>

* + - **Employer (Collection)**
      * **<Employer UID> (Document)**
        + employer\_email
        + employer\_first\_name
        + employer\_last\_name
        + department\_name
        + employer\_company\_admin: <true/false> (Boolean)
        + position
        + address (Map)

address\_1

address\_2

city

country

pin

* + - * + <Other employee information>
    - **Departments (Collection)**
      * **<Department name> (Document)**
        + department\_name: <Department Name>
        + <Other department information>
    - **Projects (Collection)**
      * **<Project Name>**
        + project\_name
        + project\_description
        + project\_included\_departments
        + <other project info>
        + project\_photos (List)

<url of the images>

* + - * + project\_team (List)

<employee uid>

* + - **Meetings (Collections)**
      * **<dd-MM-YYYY-hh:mm of Meetings> (Document)**
        + meeting\_host (Map)

<uid of the host of this meeting>: <bool true/false if they’ve accepted this meet or not>

* + - * + meeting\_team (List)

<uid of the invited team member of this meeting>

* + - * + meeting\_team\_accepted (List)

<uid of all the team members who have accepted this meeting>

* + - * + meeting\_title: <Title of this Meeting> (String)
        + meeting\_purpose: <purpose of this meet>
        + meeting\_minutes (Map)

<uid of the invited team member of this meeting>: <Meeting minutes of this person>

* + - * + meeting\_date: <dd-mm-yy> (String)
        + meeting\_start\_time: <hh:mm> (String)
        + meeting\_end\_time: <hh:mm>
        + meeting\_url: <the url of the meet>

## Firebase Storage Paths

* **Companies (Folder)**
  + **<Company UID> (Folder)**
    - profile\_picture.png
    - **<Employees> (Folder)**
      * **<Employee uid> (Folder)**
        + profile\_picture.png
    - **<Employer> (Folder)**
      * **< Employer uid> (Folder)**
        + profile\_picture.png
    - **<Projects> (Folder)**
      * Project\_picture\_1.png
      * Project\_picture\_2.png
      * Project\_picture\_3.png