API Documentation

Mobile Route

La route de base pour tous les endpoints de l'application mobile est `/app/measures`.

Get the name for the jersey number

- **Endpoint:** `/ident`
- **Method:** `GET`
- **Description:** Permet d'obtenir le nom/pseudo associé à un numéro de dossard auprès du serveur de la RQM.
- **Query Parameters:**
  - `dosNumber` - Numéro de dossard
- **Responses:**
  - **200 OK**

    ```
    {
      "dosNumber": 1234,
      "name": "John Doe"
    }
    ```

  - **400 Bad Request**

    ```
    {
      "message": "Malformed Request"
    }
    ```

  - **404 Not Found**

    ```
    {
      "message": "User not found"
    }
    ```

  - **500 Internal Server Error**

    ```
    {
      "message": "Something went wrong on our side"
    }
    ```

Get a user distance

- **Endpoint:** `/getUserDist`

- **Method:** `GET`

- **Description:** Permet d'obtenir la distance totale parcourue par un participant.

- **Query Parameters**
  - `dosNumber` - Numéro de dossard

- **Responses:**

  - **200 OK**

    ```
    {
      "dosNumber": 1234,
      "distTraveled": 100
    }
    ```

  - **400 Not Found**

    ```
    {
      "message": "Malformed request"
    }
    ```

  - **404 Not Found**

    ```
    {
      "message": "User not found"
    }
    ```

  - **500 Internal Server Error**

    ```
    {
      "message": "Something went wrong on our side"
    }
    ```

Get the total distance travelled during the event

- **Endpoint:** `/getAllDist`

- **Method:** `GET`

- **Description:** Permet d'obtenir la distance totale parcourue par les participant durant l'évènement.

- **Query Parameters**

  - `none`

- **Responses:**

  - **200 OK**

    ```
    {
      "distTraveled": 1000
    }
    ```

  - **500 Internal Server Error**

    ```
    {
      "message": "Something went wrong on our side"
    }
    ```

Login

- **Endpoint:** `/login`

- **Method:** `POST`

- **Description:** Crée un participant dans la DB du serveur. Si le participant existe déjà, renvoie simplement les informations déjà connues.

- **Body Parameters:**

```
{
  "dosNumber": 1234,
  "username": "John Doe"
}
```

- **Responses:**

  - **200 Ok**

    Renvoyé si l'utilisateur existe déjà

    ```
    {
      "dosNumber": 1234,
      "username": "John Doe",
      "distTraveled": 100
    }
    ```

  - **201 Created**

    ```
    {
      "dosNumber": 1234,
      "username": "John Doe",
      "distTraveled": 100
    }
    ```

  - **400 Bad Request**

    ```
    {
      "message": "Malformed request"
    }
    ```

  - **500 Internal Server Error**

    ```
    {
      "message": "Something went wrong on our side"
    }
    ```

Start of a measure

- **Endpoint:** `/start`

- **Method:** `POST`

- **Description:** Permet de démarrer une mesure.

- **Body Parameters:**

```
{
  "dosNumber": 1234,
  "name": "John Doe",
  "number": 1
}
```

- **Responses:**

  - **201 Created**

    ```
    {
      "dosNumber": 1234,
      "myUuid": "04610a98-5cef-4201-b7aa-e5d9ac293055"
    }
    ```

  - **202 Accepted**

    ```
    {
      "dosNumber": 1234,
      "myUuid": "04610a98-5cef-4201-b7aa-e5d9ac293055",
      "error": "Notification not sent"
    }
    ```

  - **400 Bad Request**

    ```
    {
      "message": "Malformed request"
    }
    ```

  - **404 Not Found**

    ```
    {
      "message": "User don't exist"
    }
    ```

  - **500 Internal Server Error**

    ```
    {
      "message": "Something went wrong on our side"
    }
    ```

Stopping a measure

- **Endpoint:** `/stop`

- **Method:** `POST`

- **Description:** Permet d'arrêter une mesure. On envoie avec les dernières données qui doivent être entrées dans la mesure.

- **Body Parameters:**

```
{
  "uuid": "04610a98-5cef-4201-b7aa-e5d9ac293055",
  "dist": 100,
  "time": 3600
}
```

- **Responses:**

  - **201 Created**

    ```
    {
      "message": "Measure stopped"
    }
    ```

  - **202 Accepted**

    ```
    {
      "message": "Measure stopped but could not send notification"
    }
    ```

  - **400 Bad Request**

    ```
    {
      "message": "Malformed request"
    }
    ```

  - **404 Not Found**

    ```
    {
      "message": "No running measure"
    }
    ```

  - **500 Internal Server Error**

    ```
    {
      "message": "Something went wrong on our side"
    }
    ```

Update a measure

- **Endpoint:** `/update-dist`

- **Method:** `POST`

- **Description:** Permet de mettre à jour une mesure en cours avec un nouveau temps et une nouvelle distance.

- **Body Parameters:**
  Si plusieurs personnes ont participés à la mesure, la multiplication doit être faite au préalable.

```
{
  "uuid": "04610a98-5cef-4201-b7aa-e5d9ac293055",
  "dist": 100,
  "time": 3600
}
```

- **Responses:**

  - **200 OK**

    ```
    {
      "message": "Measure updated"
    }
    ```

  - **400 Bad Request**

    ```
    {
      "message": "Malformed request"
    }
    ```

  - **404 Not Found**

    ```
    {
      "message": "Measure not found"
    }
    ```

  - **500 Internal Server Error**

    ```
    {
      "message": "Something went wrong on our side"
    }
    ```