Current Data Flow Diagram

# Data Dictionary

## Data Flows

|  |  |  |
| --- | --- | --- |
| **Ref** | Data | *Description* |
|  | address | = houseNumber + postCode |
|  | classBookingInfo | = { trainerName + className + roomNumber + date + time } |
|  | classBookingRequest | = trainerName + className + roomNumber + classStartDate + classStartTime + classLength |
|  | classStartDate | = date |
|  | date | = day + month + year |
|  | day | \*number between 1-31\* |
|  | gender | = [ Male | Female ] |
|  | name | = (nameTitle) + { [ forename | initial ] } + surname |
|  | nameTitle | = [“Mrs” | “Ms” | “Mr” ] |
|  | sessionType | = [ Induction | Personal Training ] |
|  | trainerBookingInfo | = { trainerName + sessionType + roomNumber + sessionStartDate + sessionStartTime + sessionLength } |
|  | trainerBookingRequest | = trainerName + sessionType + roomNumber + sessionStartDate + sessionStartTime + sessionLength |
|  | trainerName | = name |
|  | year | \*the current year\* |
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## Data Stores

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| --- | --- | --- |
| **Ref** | Data | *Description* |
| **M1** | memberRecord | = { memberDetails } |
| **M2** | TrainerAppBook | = trainerBookingInfo |
| **M3** | ClassTimeTable | = classBookingInfo |
| **M4** | TrainerRecords | = { trainerDetails } |

## Forms Data Dictionary

|  |  |  |
| --- | --- | --- |
| **Ref** | Data | *Description* |
| **Member Details Form** | | |
|  | expireDate | = date |
|  | memberDetails | = memberName + SID + membershipType + gender +   expireDate + renewal + address + email + phoneNumber +   emergencyNumber + nationality + receiptNumber +   moneyTaken + ( club ) |
|  | memberDetailsForm | = memberDetails |
|  | memberDetailsFormBlank | = memberDetailsForm  \*Blank form\* |
|  | memberDetailsFormFilled | = memberDetailsForm  \*Filled with valid data \* |
|  | membershipType | = [ Student | Staff | Gym Member | SportsFederation | Gym And SportsFederation | Gym Alumni | Gym Shortterm | Gym SummerSchool | Community Monthly | Community PAYG ] |
|  | moneyTaken | = { initials }  \* initials of the person who took the money\* |
|  | Renewal | = [ yes | no ] |
| **Trainer Details Form** | | |
|  | dateOfBirth | = date |
|  | inductioning | = [ yes | no ] |
|  | personalTraining | = [ yes | no ] |
|  | trainerDetails | = trainerName + dateOfBirth + qualifications + inductioning + personalTraining |
|  | trainerDetailsForm | = trainerDetails |
|  | trainerDetailsFormBlank | = trainerDetailsForm  \*Blank form\* |
|  | trainerDetailsFormFilled | = trainerDetailsForm  \*Filled with valid data \* |

# Data Flow Diagram

## Level 0



## Level 1

