

Capital Promenades Database Requirements

A walking tour company, Capital Promenades, offers a number of different guided walks and employs a number of guides to lead these walks.

Each walk has a specified duration, is offered on a variety of days/times and is led by one or more guides. This is shown in the Company's walk programme (walkprog.pdf).

There is a maximum number of participants allowed for each walk. Participants book in advance and pay either the full fee of £8.00 or the concessionary fee of £6.00

The Company needs a database to manage its walks, guides, participants, programme and bookings

The data it needs to store is as follows:

For each guide :
Name
Address
Mobile phone
Email
For each walk
Title of walk
Duration of walk (in minutes)
Start and finish point
Brief description (a short paragraph)
For each participant :
Name
Phone
Email
Status (Regular/concession)
Walk Programme
Walk
Guide(s)
Date
Start time
Max participants
Walk booking
Walk
Participant

The following **constraints** apply:

- Walks must be recorded in the database even if they are not part of the current programme.
- Each walk will be led by one or more guides.
- A guide may lead one or more walks.
- All guides need to be recorded in the database even if they are not leading walks in the current programme.
- Full contact details must be recorded for each guide.
- A guide cannot lead more than one walk at the same time.
- A participant may attend one or more walks. The company needs to be able to store data for participants not currently participating in any walks.
- Each participant must only be able to be booked once on a given walk.
- It is optional for participants to give their phone or email contact to the company.