# Case Study Notes

* VIEW = Front end
* CONTROLL = CRUD operations, SQL queries
* MODEL = Database, relationships, tables

## Part 1 (ALL)

* View Of Scio Admin Only
  + CRUD staff / Cards
  + Authorisation
  + Provide Information To Security At Venues
* Logging/Archiving
* Data To Handle
  + Third Party Staff
  + In house Olympic staff
    - Staff Superclass
  + Authorisation cards
  + Venue details
  + Staff access per venue

## Part 2

### 2.1

* 3 card states
  + Valid
  + Expired – automatic
  + Cancelled – User directed controlled
* Only one valid card each (many to many relationship)
* No card reader – manual entry to venues **(VIEW)**

### 2.2

* 5 main tables
  + Agencies
  + Staff
  + Card
  + Access
  + Venue
  + (join table) card\_venue (aka authorisation)
  + Status (not seen by VF1)
* SQL queries
  + New card + new staff
  + Get all authorisation venues for staff member in time period
  + Get logs for staff at venue

### 2.3

* Look at points for constraints

## Part 3

### 3.1.1 Deliverables

* Deliverables
  + CD of stuff
  + Documents printed
  + Presentation on CD & Printed

### 3.1.2 Demo

* Software able to run minimal setup
* Presentation
* Form

## 3.2 Test Data

* Specimen Data Before Demo
* No fake data for demo

## 3.3 The Software

### 3.3.1 functional

Should Support

* The input of additional employment agencies, staff, cards, authorisations, accesses and

Venues

* The amendment of agencies, staff, cards, authorisations and venues
* The retrieval of information about agencies, staff, cards, authorisations, accesses and venues
* Flexible Searching (E.g name/number)
* Flexible updates
* View as efficient as possible I.e. crud multiple records

### 3.3.2 non-functional