5COM1053 Computer Science Development Exercise

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5COM1061 Information Technology Development Exercise

**2017 Womens Euro Championship Access Network - WECAN  
GP3 Client’s Sample Data & Scenarios**

The following scenarios & sample data are provided for use in your GP3 demo. Data is based on actual data for 2017 Womens Euro Championship 2017, but some facts have been added or changed to allow testing.

**Before** the demo, ensure that all sample data has been loaded into your application’s database and that you have taken the scenario into account.

During the demo, you will be expected to demonstrate that your WECAN meets the requirements shown by “Outcome of User Acceptance Test (UAT)”.

Note: some data is missing because it needs to be set by your WECAN.

Data DOES NOT ALWAYS CONFORM to requirements/constraints of a DB or CodeIgniter

**Scenarios**

**Before** the demonstration ensure the sample data given below is stored on your system

1. Cards issued to competitors at the start of the competition are valid initially for the duration of the competition 16th July 2017 to 6th Aug 2017.

**During** the demonstration, for the purposes of testing:

1. Vito Gelato will need to leave the competition on 25th July so his card will need to be expired and his authorisations cancelled.
2. Mary Earps who is a goalkeeper for England arrives on 20th July so she needs to be registered and issued a card by using the system interface, and given authorisation to all further England matches.
3. Match No 7 ( Portugal v Spain) on 19th July is moved to Tilburg
4. Add an competitor for a team not on the database, so Yulia Gordeeva(defender) plays for Russia (Rossiyskiy Futbolnyy Soyuz - RFS)
5. Only a small sample of data is provided for the entry requests – these are inputs NOT DB tables

**Some Client Sample Data for Main Tables**

**NOTE:**

* **All data given below should be stored in your application BEFORE the demonstration**
* **However, it is provided by the client AND is not in the required RDB, or CodeIgniter format**
* **You will be expected to handle card nos. and authorisations in your application**

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| --- | --- | --- | --- |
| **Team** | **NFA** | **Acronym** | **Nickname** |
| England | Football Association | FA | Lionesses |
| Scotland | Scottish Football Association | SFA |  |
| Spain | Real Federaciόn Española de Fútbol | RFEF | Las Soñadoras |
| Portugal | Federaçáo Portuguesa de Futebol | FPF | A Selecção das Quinas |
| Italy | Federazione Italiana Giuoco Calcio | FIGG | Azzurre |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Competitor** | | **role** | | **squad** | **title** |
| Toni Duggan | | Forward | | England | Ms |
| Carly Telford | | Goalkeeper | | England | Ms |
| Fara Williams | | Midfielder | | England | Ms |
| Anna Glowacka | | Physiotherapist | | England | Dr |
| Mark Sampson | | Manager | | England | Mr |
| Anna Siguel | | Head Coach | | Scotland | Ms |
| Gemma Fay | | Captain | | Scotland | Ms |
| Ifeoma Dieke | | Defender | | Scotland | Ms |
| Zoe Ness | | Forward | | Scotland | Ms |
| Vito Gelato | | Doctor | | Scotland | Dr |
| Jorge Vilda | | Head Coach | | Spain | Mr |
| Olga Garcia | | Forward | | Spain | Ms |
| Sara Serrat | | Goalkeeper | | Spain | Ms |
| Andrea Falcόn | | Midfielder | | Spain | Ms |
| Mary Rose | | Doctor | | Portugal | Dr |
| Clãudia Neto | | Captain | | Portugal | Ms |
| Francisco Neto | | Head Coach | | Portugal | Mr |
| Barbara Bonansea | | Captain | | Italy | Ms |
| Fred Bloggs | | Physiotherapist | | Italy | Mr |
|  | |  | |  |  |
| **card id** | | **competitor** | | **start date** | **end date** |
| [Sequential] | | [Competitor id] | |  |  |
| *Your system should supply card id, so data here depends on how you register competitors* | | | | | |
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| **Matches** | |  |  |  |  |
| **No** | **Date** | **Venue** | **Stadium** | **Team 1** | **Team 2** |
| 7 | 19 July | Doetinchem | De Vijverberg | Spain | Portugal |
| 8 | 19 July | Utrecht | Galgenwaard | England | Scotland |
| 15 | 23 July | Rotterdam | Sparta Stadion | Scotland | Portugal |
| 16 | 23 July | Breda | [Rat Verlegh](http://en.wikipedia.org/wiki/Arena_Link%C3%B6ping) | England | Spain |
| 23 | 27 July | Tilburg | Konig Willem II | Portugal | England |
| 24 | 27 July | Deventer | [De Adelaarshorst](https://en.wikipedia.org/wiki/De_Adelaarshorst) | Scotland | Spain |
| 3 | 17 July | Rotterdam | Sparta Stadion | Italy | Russia |
| 12 | 21 July | Tilburg | Konig Willem II | Germany | Italy |
|  | |  | |  |  |
| **Some Entry Requests** | | Note: this may not be a DB table  You will need to add more to fully test WECAN | |  |  |
| **Competitor** | | **card id** | | **venue** | **date** |
| Fara Williams | |  | | Utrecht | 19/07 |
| Vito Gelato | |  | | Utrecht | 19/07 |
| Jorge Vilda | |  | | Utrecht | 19/07 |
| Fara Williams | |  | | Utrecht | 20/07 |
| Vito Gelato | |  | | Rotterdam | 23/07 |
| Mary Earps | |  | | Breda | 23/07 |
| Mary Earps | |  | | Tilburg | 27/07 |
| Sara Serrat | |  | | Doetinghem | 19/07 (after move) |
| Sara Serrat | |  | | Tilburg | 19/07 (after move) |

**Authorisations ???**

**Some Basic User Stories**(Note: data should be restricted to the data given above)

1. Mary Jones (CIAO Manager) enters team, venue and match information given by UEFA
2. Frank Lampard (CIAO administrator) has to enter the details of the England team, issue them with id cards and arrange authorisation for entry to venues for England's group stage matches
3. Jo Scribbler (CIAO administrator) is informed on 25/07 that Vito Gelato has been sacked and must leave (his card must be cancelled from that date and authorisations withdrawn)and that on 20/07 that Mary Earps is to join the England team and needs an id card and appropriate authorisations.
4. Mary Jones (CIAO Manager) has been informed that Yuria Gordeeva who is a player for Russia need to be added at the start of the tournament, and Russia has not yet been added to the list of teams
5. On the 27th July, Scotland and Italy are eliminated, so Mary Cancler ((CIAO administrator) must expire their cards and authorisations, while England and Spain have progressed to the quarter finals and need further authorisations : England to play in Deveter on 30/07 and Spain to play in Tilburg on 30/07
6. On 20th July, Cary Telford report her card lost or stolen and needs another card. Frank Lampard must issue another id card, cancel the old and update authorisations
7. To test the system, Mary Cancler(CIAO administrator) enters the attempts to access venues shown above (this check would usually be done by Card Reader s/ware). She needs to check what the outcome should be before trying the data
8. Alan Parker (security guard at Tilburg) requests a list of people authorised to enter Tilburg on 27/07
9. Anna Glowacka (physiotherapist) would like to check that she is authorised to access appropriate venues for the England matches. Jo Scribbler is assked to provide a list
10. [5COM0085 CSDE Only]

Mary Jones (CIAO Manager) would like to see the entry log for the Tilburg

**Client Priorities**

1. All sample data relating to the group stage of the tournament (given above) to be stored on the system in appropriate tables
2. A suitable GUI to allow CRUD operations for main tables: teams, competitors, cards, venues, matches
3. Facilities to store/access authorisation for competitor access to venues for scheduled matches
4. An appropriate GUI provided to allow for good workflow :

* registrations of competitors/issuing cards/ granting authorisation
* operations on team authorisations (granting/cancelling authorisation for a team)

1. GUI enabling users to perform operations without a detailed knowledge of internal storage details, or by having to search long lists of entries (the full system will contain information about 16 teams each of 20-25 people; 31 matches each with authorisation for 40-50 people )
2. the ability to check whether an attempt to enter a specified venue on a specified date is authorised or not
3. GUI provided to allow individual competitors to be added/removed during the tournament (with consequences for cards and authorisations)
4. [5COM1053 CSDE ONLY] Reports showing the entry log to specified venues on specified dates, or for specified competitors showing entries allowed and entries refused
5. Facilities to provide replacement cards (with appropriate authorisations)

ent cards (with appropriate authorisations)