

## Evidence for Project Unit.

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### P.1 GitHub contributors page

### P.2 Project brief

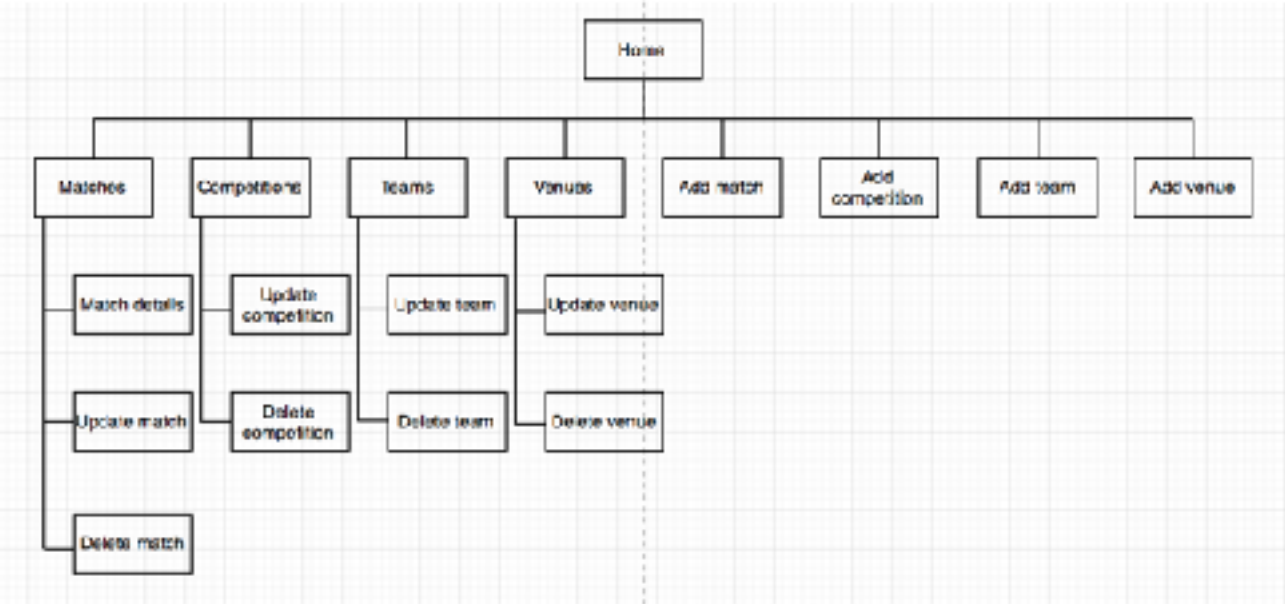
### P.3 Use of Trello

The screenshot shows a Trello board interface for the repository 'android.to.do.to.do.project'. The board is organized into five columns: 'Must have (MVP)', 'Should have (Enhancements)', 'Could have', 'In progress', and 'Done'. Each column contains a list of tasks or features, each with a description and the name of the person who added it (beavndul).

- Must have (MVP):**
  - m Get up database. Added by beavndul
  - m Add functionality to add a task. Added by beavndul
  - m Create view displaying a list of tasks showing only the basic details of each task. Added by beavndul
  - m Add functionality to select a task from the list. Added by beavndul
  - m Create view displaying the full details of a selected task. Added by beavndul
  - m Add functionality to mark a task as completed. Added by beavndul
  - m Add functionality to update a task. Added by beavndul
  - m Add functionality to delete a task. Added by beavndul
- Should have (Enhancements):**
  - m Add functionality to prioritize tasks. Added by beavndul
  - m Add functionality to categorize tasks. Added by beavndul
  - m Add functionality to set a due date for a task. Added by beavndul
- Could have:**
  - m Add functionality to send a notification when the due date for a task has been reached. Added by beavndul
- In progress:**
- Done:**

P.4 Acceptance criteria

P.5 User sitemap



P.6 Two wireframe designs



**P.7 Two system interactions diagrams**

**P.8 Two object diagrams**

**P.9 Choice of two algorithms**

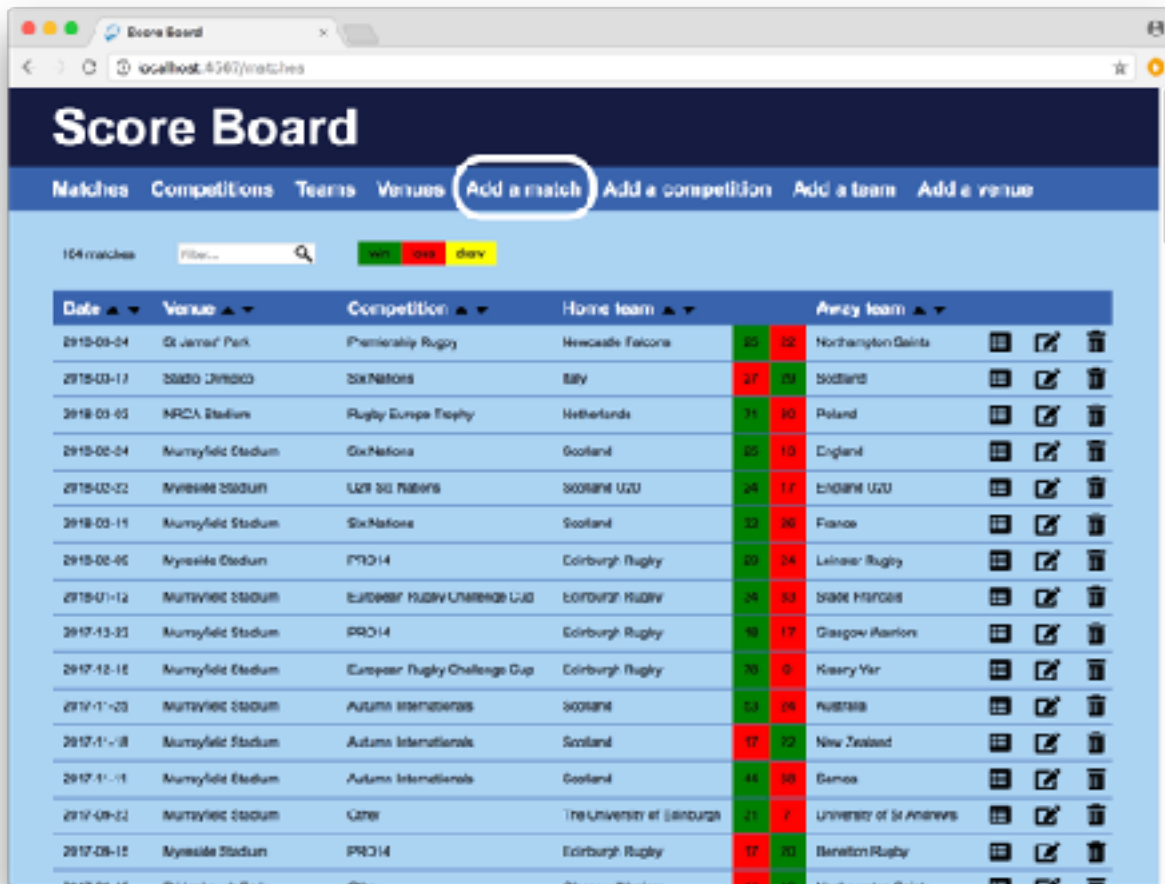
**P.10 Example of pseudocode**

```
1  # play_game function
2
3  # input: player hand and computer hand
4
5  # if the player hand beats the computer hand:
6  #     print message that the player wins
7  #     increase player score with 1 point
8  # else if the computer hand beats the player hand:
9  #     print message that the computer wins
10 #     increase computer score with 1 point
11 # else:
12 #     print message that it is a draw
13 #     keep scores as they are
14 # end
```

**P.11 Github link to one of your projects**

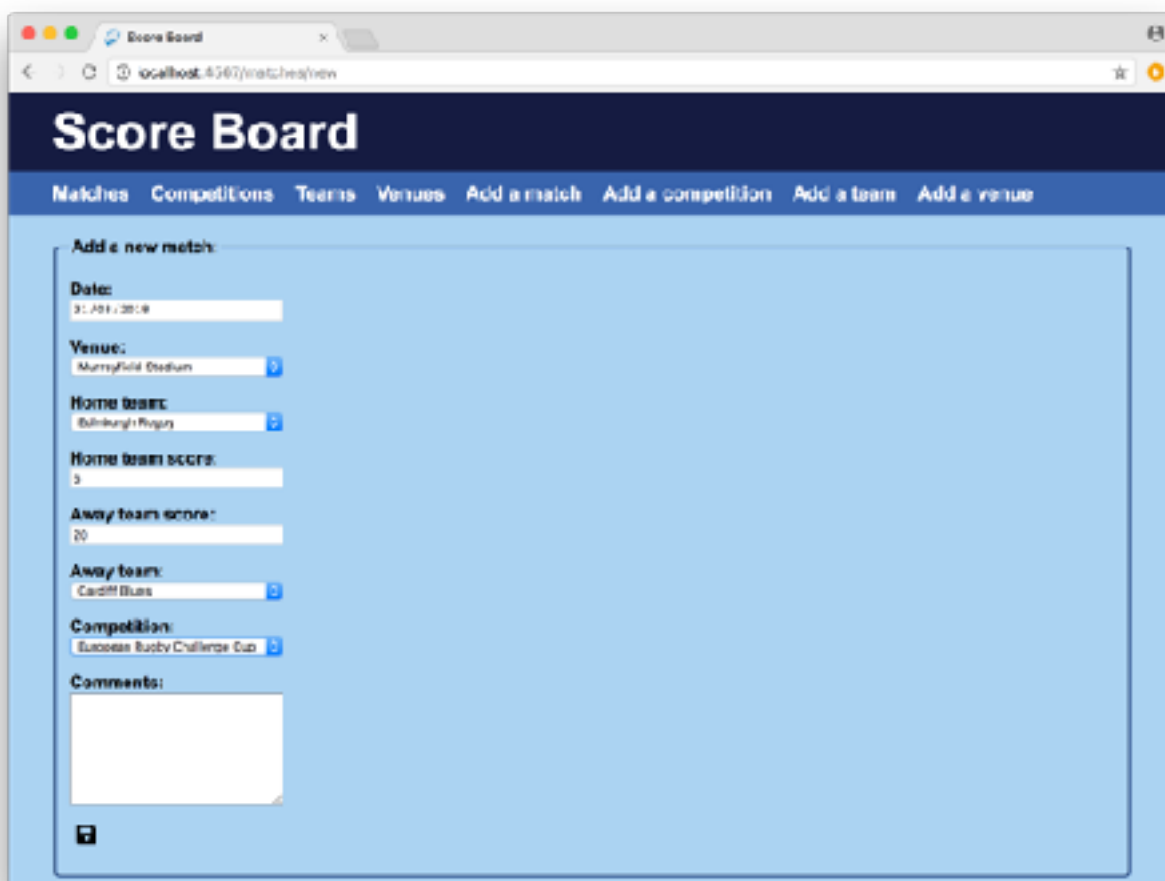
**P.12 Screenshot of your planning and the different stages of development to show changes**

## P.13 User input / P.14 Interaction with data persistence



The screenshot shows a web browser window with the URL `localhost:4367/matches`. The page title is "Score Board". The navigation bar includes links for "Matches", "Competitions", "Teams", "Venues", "Add a match", "Add a competition", "Add a team", and "Add a venue". The "Add a match" link is circled in red. Below the navigation bar, there is a search bar and a filter button. The main content area displays a table of matches with columns for Date, Venue, Competition, Home team, and Away team. The table contains 16 rows of match data.

Date	Venue	Competition	Home team	Score	Away team
2015-09-24	St James' Park	Premiership Rugby	Newcastle Falcons	20	Northampton Saints
2015-09-17	Stadio Olimpico	Six Nations	Italy	27	Scotland
2015-03-05	MRCU Stadium	Rugby Europe Trophy	Netherlands	15	Poland
2015-02-04	Murrayfield Stadium	Six Nations	Scotland	25	England
2015-02-22	Murrayfield Stadium	U20 Six Nations	Scotland U20	24	England U20
2015-03-11	Murrayfield Stadium	Six Nations	Scotland	33	France
2015-02-06	Murrayfield Stadium	PRO14	Edinburgh Rugby	29	Leinster Rugby
2015-01-12	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	24	Stade Français
2017-12-21	Murrayfield Stadium	PRO14	Edinburgh Rugby	16	Glasgow Warriors
2017-12-16	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	10	Kerry Vixen
2017-11-20	Murrayfield Stadium	Autumn Internationals	Scotland	13	Australia
2017-11-18	Murrayfield Stadium	Autumn Internationals	Scotland	17	New Zealand
2017-11-11	Murrayfield Stadium	Autumn Internationals	Scotland	14	Samoa
2017-09-22	Murrayfield Stadium	Other	The University of Edinburgh	21	University of St Andrews
2017-08-12	Murrayfield Stadium	PRO14	Edinburgh Rugby	12	Bristol Rugby
2015-09-17	St James' Park	Premiership Rugby	Newcastle Falcons	20	Northampton Saints



The screenshot shows the "Add a new match" form in the "Score Board" application. The form is located on the page `localhost:4367/matches/new`. It contains the following fields:

- Date:** 31/01/2018
- Venue:** Murrayfield Stadium
- Home team:** Edinburgh Rugby
- Home team score:** 5
- Away team score:** 20
- Away team:** Cardiff Blues
- Competition:** European Rugby Challenge Cup
- Comments:** (empty text area)

Score Board						
Matches Competitions Teams Venues Add a match Add a competition Add a team Add a venue						
165 matches <input type="text" value="Filter..."/> <span>win</span> <span>lose</span> <span>draw</span>						
Date ▲ ▼	Venue ▲ ▼	Competition ▲ ▼	Home team ▲ ▼	Away team ▲ ▼		
2019-09-01	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	6	29	Cardiff Blues
2019-03-24	St James Park	Irish Premiership	Newcastle Falcons	20	22	Northampton Saints
2019-03-13	Stadio Olimpico	Six Nations	Italy	27	39	Scotland
2019-04-02	AFDA Stadium	Rugby Europe Trophy	Netherlands	11	30	Poland
2019-02-24	Murrayfield Stadium	Six Nations	Scotland	25	13	England
2019-03-31	Twickenham Stadium	U20 Six Nations	Scotland U20	24	12	England U20
2019-06-15	Murrayfield Stadium	Six Nations	Scotland	32	20	France
2019-02-09	Murrayfield Stadium	IRFU 14	Edinburgh Rugby	28	24	Lions XV
2019-01-12	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	34	33	Stade Francaise
2017-12-02	Murrayfield Stadium	IRFU 14	Edinburgh Rugby	45	12	Glasgow Warriors
2017-12-10	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	30	0	Kilger XV
2017-11-25	Murrayfield Stadium	Autumn Internationals	Scotland	23	24	Australia
2017-11-18	Murrayfield Stadium	Autumn Internationals	Scotland	17	32	New Zealand
2017-11-11	Murrayfield Stadium	Autumn Internationals	Scotland	44	30	Samoa
2017-08-22	Murrayfield Stadium	Other	The University of Edinburgh	21	7	University of St Andrews
2017-06-18	Twickenham Stadium	IRFU 14	Edinburgh Rugby	24	14	London XV

## P.15 User output result

Score Board

Matches Competitions Teams Venues Add a match Add a competition Add a team Add a venue

165 matches Filter...

Date	Venue	Competition	Home team		Away team		
2018-09-01	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	6	20	Dundee Blues	
2018-03-24	St James' Park	Premiership Rugby	Newcastle Falcons	26	22	Northampton Saints	
2018-03-13	Stadio Olimpico	Six Nations	Italy	27	30	Scotland	
2018-09-02	AFDA Stadium	Rugby Europe Trophy	Netherlands	11	30	Poland	
2018-02-24	Murrayfield Stadium	Six Nations	Scotland	25	10	England	
2018-03-22	Murrayfield Stadium	U20 Six Nations	Scotland U20	24	17	England U20	
2018-02-15	Murrayfield Stadium	Six Nations	Scotland	32	20	France	
2018-02-06	Murrayfield Stadium	IRFU 14	Edinburgh Rugby	29	24	Leinster Rugby	
2018-01-12	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	24	33	Stade Francaise	
2017-12-02	Murrayfield Stadium	IRFU 14	Edinburgh Rugby	36	17	Glasgow Warriors	
2017-12-10	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	36	9	Ulster Rugby	
2017-11-25	Murrayfield Stadium	Autumn Internationals	Scotland	33	34	Australia	
2017-11-18	Murrayfield Stadium	Autumn Internationals	Scotland	17	32	New Zealand	
2017-11-11	Murrayfield Stadium	Autumn Internationals	Scotland	44	30	Samoa	
2017-09-22	Murrayfield Stadium	Cheer	The University of Edinburgh	31	7	University of St Andrews	
2017-09-16	Murrayfield Stadium	IRFU 14	Edinburgh Rugby	24	34	Bristol Rugby	

Score Board

Matches Competitions Teams Venues Add a match Add a competition Add a team Add a venue

Match:

Date:  
2018-03-24

Venue:  
Murrayfield Stadium, Edinburgh, Scotland

Competition:  
Six Nations

Home team:  
Scotland

Home team score:  
25

Away team score:  
10

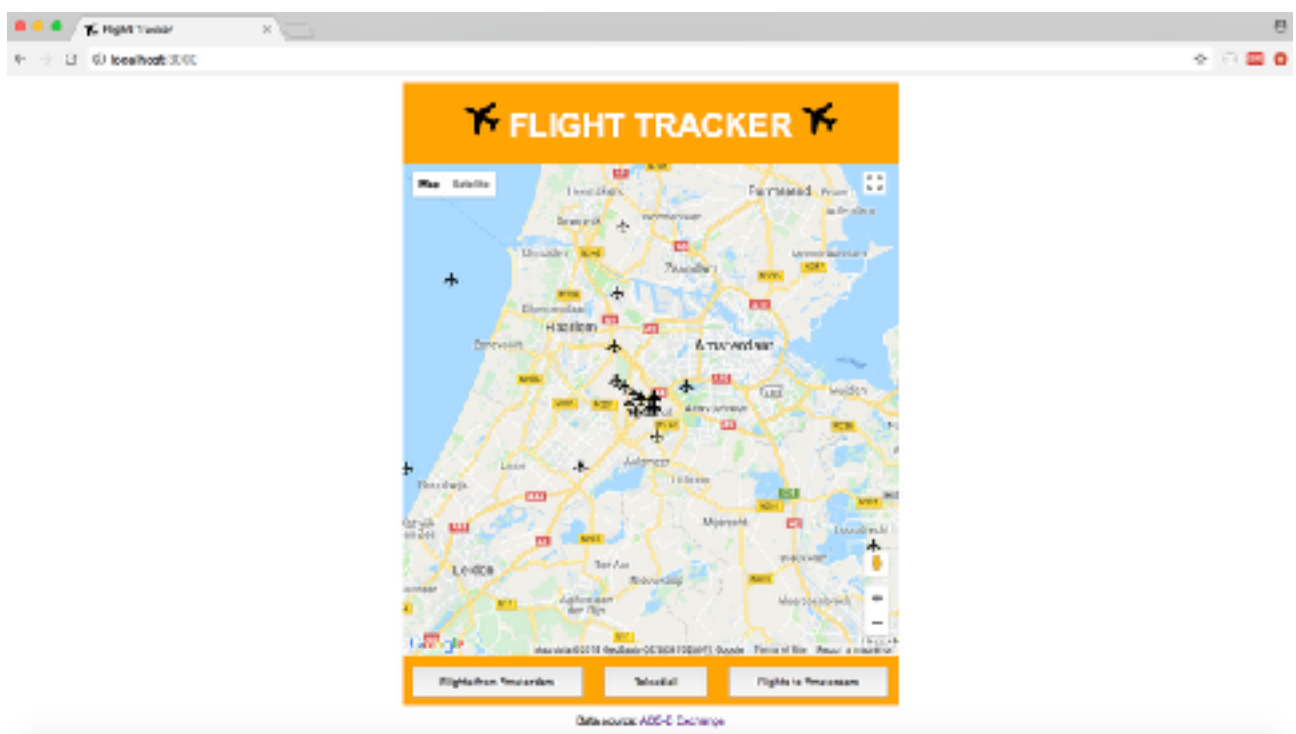
Away team:  
England

Comments:  
Referee: Nigel Owens. Scotland: tries by Huw Jones (2x) and Sean Maitland; conversions by Greig Laidlaw (2x); penalties by Greig Laidlaw and Finn Russell. England: try by Owen Farrell; conversion by Owen Farrell; penalties by Owen Farrell (2x).



## P.16 Show an API being used within your program

```
1  const Request = require('../helpers/request.js');
2
3  const FlightData = function() {
4    this.url = 'http://public-api.adbexchange.com/VirtualRadar/AircraftList.json';
5    this.data = null;
6  }
7
8  FlightData.prototype.getData = function(onComplete) {
9    const request = new Request(this.url);
10   request.get((data) => {
11     this.data = data;
12     onComplete(data);
13   });
14 }
15
16 module.exports = FlightData;
```



**P.17 Bug tracking report showing the errors diagnosed and corrected**

**P.18 Testing your program**