

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 GitHub repository page for 'boverdui / android_to_do_list_project'. The repository has 1 pull request, 0 issues, 0 pull requests, 1 project, 0 wiki pages, 0 insights, and 0 settings. The repository is currently being viewed in the 'Projects' tab.

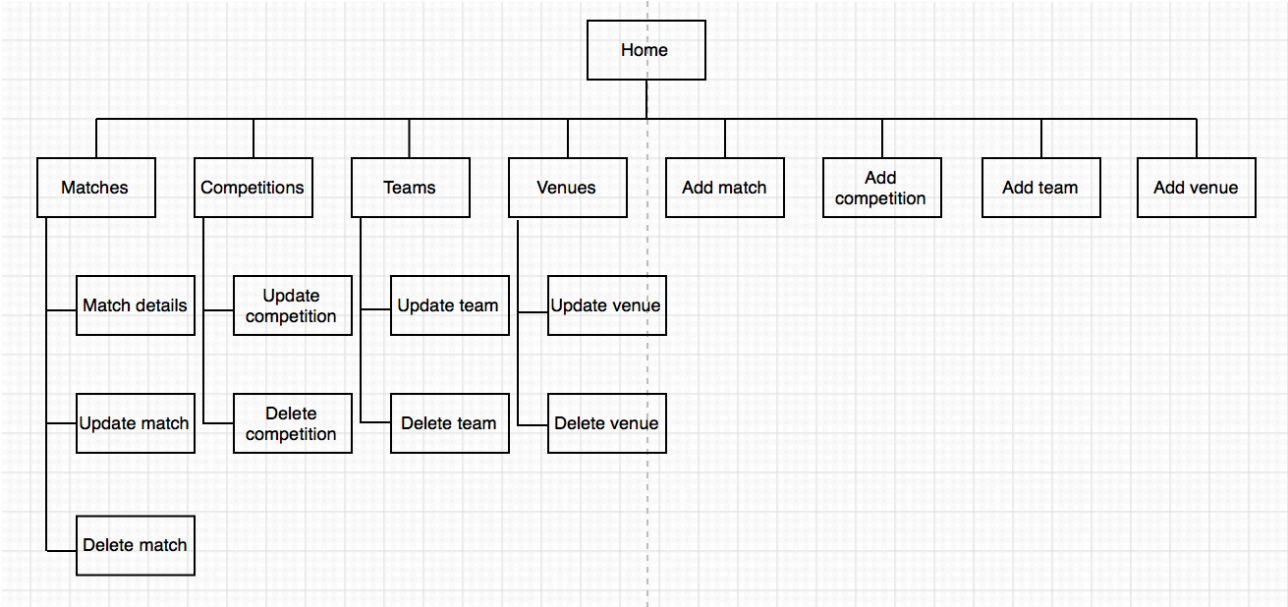
The project board is titled 'android_to_do_list_project' and was updated 7 minutes ago. It features a search bar for filtering cards and buttons for adding cards, fullscreen, and a menu.

The board is organized into five columns representing different stages of task completion:

- 8 Must have (MVP)**: This column contains 8 tasks, all added by boverdui.
 - Set up database.
 - Add functionality to add a task.
 - Create view displaying a list of tasks showing only the bare details of each task.
 - Add functionality to select a task from the list.
 - Create view displaying the full details of a selected task.
 - Add functionality to mark a task as completed.
 - Add functionality to update a task.
 - Add functionality to delete a task.
- 3 Should have (Extensions)**: This column contains 3 tasks, all added by boverdui.
 - Add functionality to prioritise tasks.
 - Add functionality to categorise tasks.
 - Add functionality to set a due date for a task.
- 1 Could have**: This column contains 1 task, added by boverdui.
 - Add functionality to send a notification when the due date for a task has been reached.
- 0 In progress**: This column is currently empty.
- 0 Done**: This column is currently empty.

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

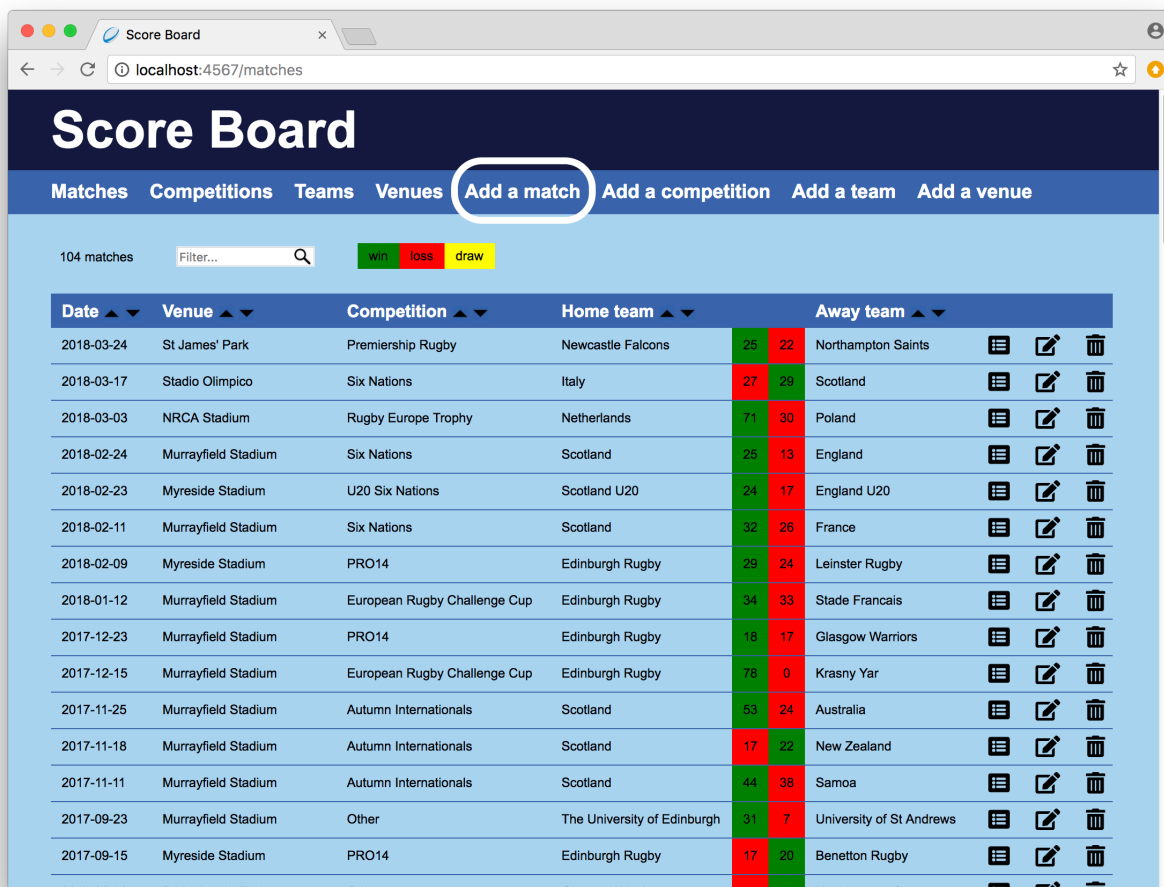
P.10 Example of pseudocode

```
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

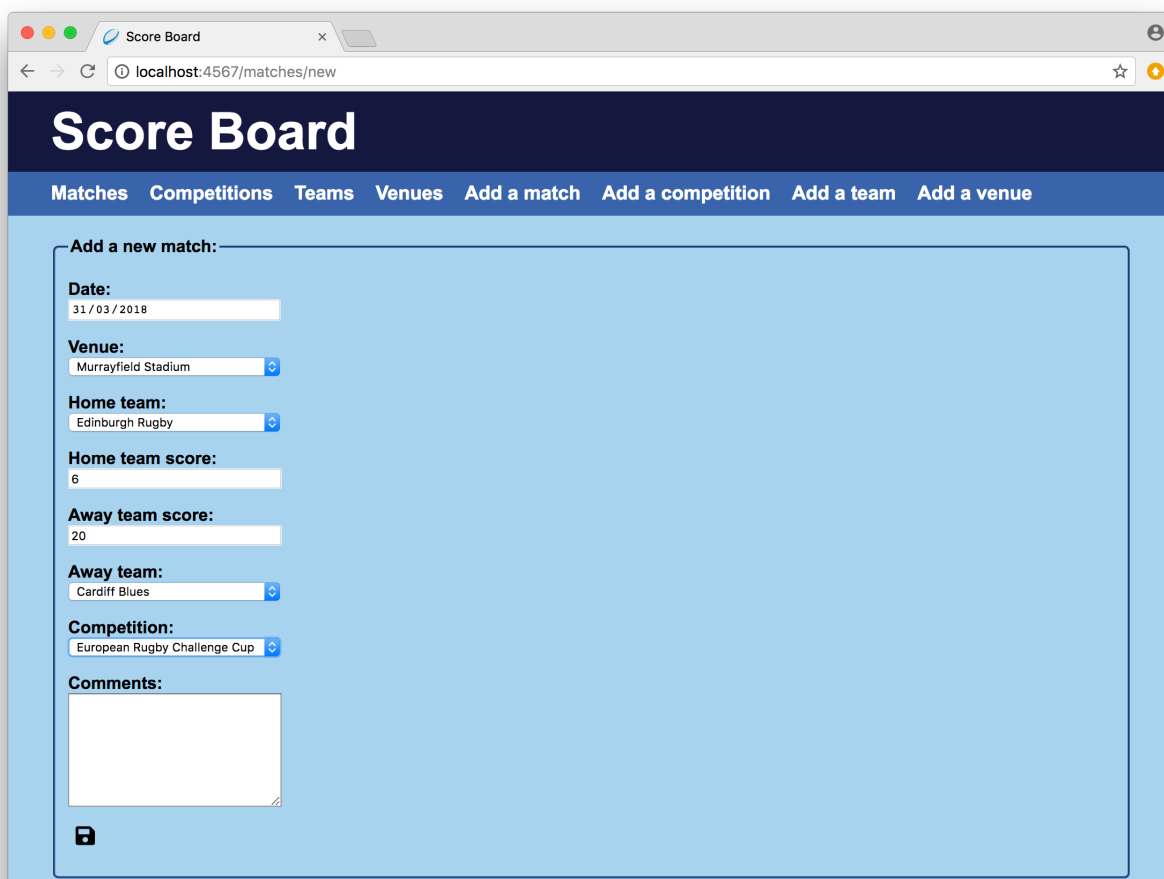
P.12 Screenshot of your planning and the different stages of development to show changes

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



The screenshot shows the 'Score Board' application in a web browser. The browser address bar shows 'localhost:4567/matches'. The application has a dark blue header with the title 'Score Board' and a navigation bar with links: 'Matches', 'Competitions', 'Teams', 'Venues', 'Add a match' (highlighted with a white circle), 'Add a competition', 'Add a team', and 'Add a venue'. Below the navigation bar, there is a section for '104 matches' with a search filter and three status buttons: 'win' (green), 'loss' (red), and 'draw' (yellow). The main content is a table of matches with columns: Date, Venue, Competition, Home team, Away team, and a set of icons for each match. The table lists 15 matches, including fixtures like Newcastle Falcons vs Northampton Saints, Italy vs Scotland, and Scotland vs France.

Date	Venue	Competition	Home team	Score	Away team	Icons
2018-03-24	St James' Park	Premiership Rugby	Newcastle Falcons	25 - 22	Northampton Saints	Icons
2018-03-17	Stadio Olimpico	Six Nations	Italy	27 - 29	Scotland	Icons
2018-03-03	NRCA Stadium	Rugby Europe Trophy	Netherlands	71 - 30	Poland	Icons
2018-02-24	Murrayfield Stadium	Six Nations	Scotland	25 - 13	England	Icons
2018-02-23	Myreside Stadium	U20 Six Nations	Scotland U20	24 - 17	England U20	Icons
2018-02-11	Murrayfield Stadium	Six Nations	Scotland	32 - 26	France	Icons
2018-02-09	Myreside Stadium	PRO14	Edinburgh Rugby	29 - 24	Leinster Rugby	Icons
2018-01-12	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	34 - 33	Stade Francais	Icons
2017-12-23	Murrayfield Stadium	PRO14	Edinburgh Rugby	18 - 17	Glasgow Warriors	Icons
2017-12-15	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	78 - 0	Krasny Yar	Icons
2017-11-25	Murrayfield Stadium	Autumn Internationals	Scotland	53 - 24	Australia	Icons
2017-11-18	Murrayfield Stadium	Autumn Internationals	Scotland	17 - 22	New Zealand	Icons
2017-11-11	Murrayfield Stadium	Autumn Internationals	Scotland	44 - 38	Samoa	Icons
2017-09-23	Murrayfield Stadium	Other	The University of Edinburgh	31 - 7	University of St Andrews	Icons
2017-09-15	Myreside Stadium	PRO14	Edinburgh Rugby	17 - 20	Benetton Rugby	Icons
2017-09-10	Edinburgh Rugby	Other	Glasgow Warriors	44 - 20	Northampton Saints	Icons



The screenshot shows the 'Score Board' application in a web browser, displaying the 'Add a new match' form. The browser address bar shows 'localhost:4567/matches/new'. The application has a dark blue header with the title 'Score Board' and a navigation bar with links: 'Matches', 'Competitions', 'Teams', 'Venues', 'Add a match' (highlighted), 'Add a competition', 'Add a team', and 'Add a venue'. The form is titled 'Add a new match:' and contains the following fields:

- Date:** 31 / 03 / 2018
- Venue:** Murrayfield Stadium
- Home team:** Edinburgh Rugby
- Home team score:** 6
- Away team score:** 20
- Away team:** Cardiff Blues
- Competition:** European Rugby Challenge Cup
- Comments:** (Empty text area)

At the bottom of the form, there is a save icon (a floppy disk).

Score Board

localhost:4567/matches

Score Board

MatchesCompetitionsTeamsVenuesAdd a matchAdd a competitionAdd a teamAdd a venue

105 matchesFilter...

winlossdraw

Date	Venue	Competition	Home team			Away team			
2018-03-31	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	6	20	Cardiff Blues			
2018-03-24	St James' Park	Premiership Rugby	Newcastle Falcons	25	22	Northampton Saints			
2018-03-17	Stadio Olimpico	Six Nations	Italy	27	29	Scotland			
2018-03-03	NRCA Stadium	Rugby Europe Trophy	Netherlands	71	30	Poland			
2018-02-24	Murrayfield Stadium	Six Nations	Scotland	25	13	England			
2018-02-23	Myreside Stadium	U20 Six Nations	Scotland U20	24	17	England U20			
2018-02-11	Murrayfield Stadium	Six Nations	Scotland	32	26	France			
2018-02-09	Myreside Stadium	PRO14	Edinburgh Rugby	29	24	Leinster Rugby			
2018-01-12	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	34	33	Stade Francais			
2017-12-23	Murrayfield Stadium	PRO14	Edinburgh Rugby	18	17	Glasgow Warriors			
2017-12-15	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	78	0	Krasny Yar			
2017-11-25	Murrayfield Stadium	Autumn Internationals	Scotland	53	24	Australia			
2017-11-18	Murrayfield Stadium	Autumn Internationals	Scotland	17	22	New Zealand			
2017-11-11	Murrayfield Stadium	Autumn Internationals	Scotland	44	38	Samoa			
2017-09-23	Murrayfield Stadium	Other	The University of Edinburgh	31	7	University of St Andrews			
2017-09-15	Myreside Stadium	PRO14	Edinburgh Rugby	17	26	Benetton Rugby			

P.15 User output result

Score Board

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

105 matches Filter... win loss draw

Date	Venue	Competition	Home team			Away team			
2018-03-31	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	6	20	Cardiff Blues			
2018-03-24	St James' Park	Premiership Rugby	Newcastle Falcons	25	22	Northampton Saints			
2018-03-17	Stadio Olimpico	Six Nations	Italy	27	29	Scotland			
2018-03-03	NRCA Stadium	Rugby Europe Trophy	Netherlands	71	30	Poland			
2018-02-24	Murrayfield Stadium	Six Nations	Scotland	25	13	England			
2018-02-23	Myreside Stadium	U20 Six Nations	Scotland U20	24	17	England U20			
2018-02-11	Murrayfield Stadium	Six Nations	Scotland	32	26	France			
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2018-01-12	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	34	33	Stade Francais			
2017-12-23	Murrayfield Stadium	PRO14	Edinburgh Rugby	18	17	Glasgow Warriors			
2017-12-15	Murrayfield Stadium	European Rugby Challenge Cup	Edinburgh Rugby	78	0	Krasny Yar			
2017-11-25	Murrayfield Stadium	Autumn Internationals	Scotland	53	24	Australia			
2017-11-18	Murrayfield Stadium	Autumn Internationals	Scotland	17	22	New Zealand			
2017-11-11	Murrayfield Stadium	Autumn Internationals	Scotland	44	38	Samoa			
2017-09-23	Murrayfield Stadium	Other	The University of Edinburgh	31	7	University of St Andrews			
2017-09-15	Myreside Stadium	PRO14	Edinburgh Rugby	47	26	Bristol Rugby			

Score Board

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

Match:

Date:
2018-02-24

Venue:
Murrayfield Stadium, Edinburgh, Scotland

Competition:
Six Nations

Home team:
Scotland

Home team score:
25

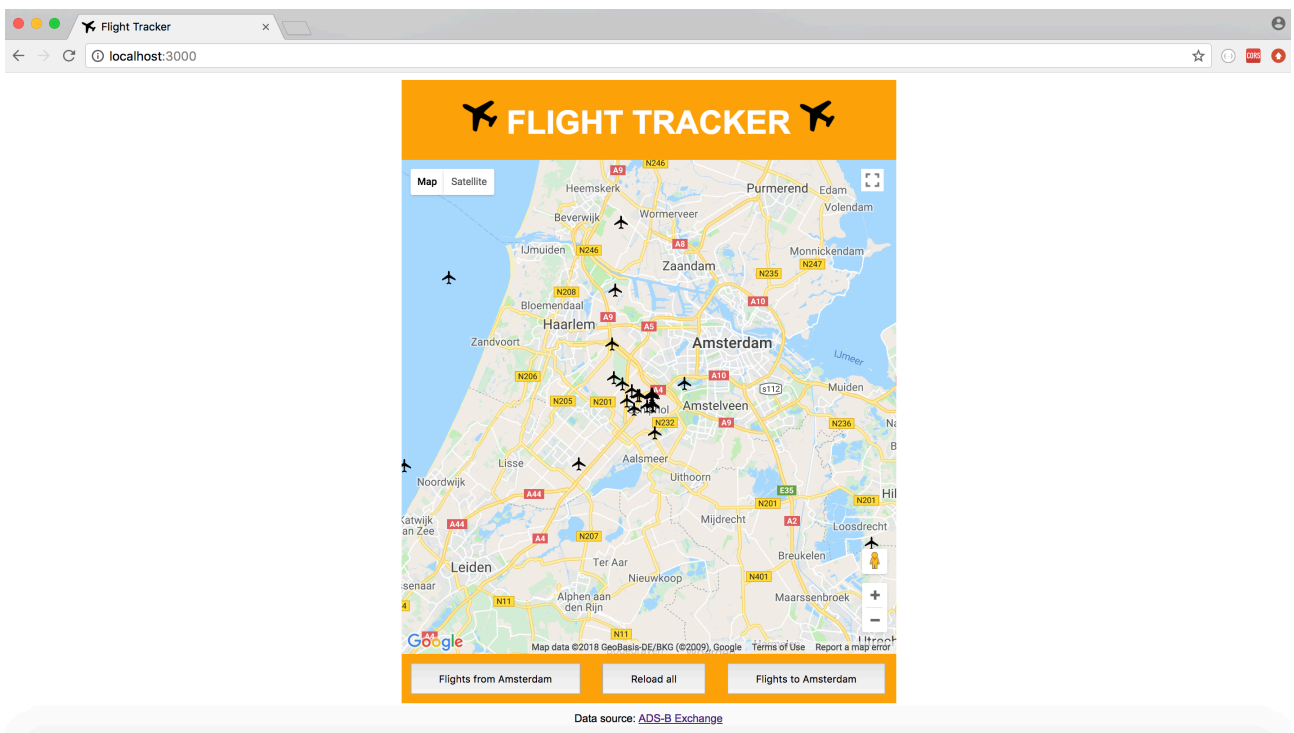
Away team score:
13

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

```
JS flight_data.js
1  const Request = require('../helpers/request.js');
2
3  const FlightData = function() {
4    this.url = 'http://public-api.adsbexchange.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