***Object Orientated Programming***

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We decided to create an application that can be used by rugby fans and tourists for the 6 nations. Our app intends to make gaining information about the 6 nations easier and information about the location of each team and tourist attractions of the areas for when fans are travelling.

Our app has an initial login page, in this login you can also create an account which will be stored in a word document as a .data file (e.g. davidinfo.data) and pulled back when the user logs in. On this page the user also picks which team from the 6 nations he/she will be supporting.

Once the user enters their username, password and team the app will then bring them to their respected teams homepage. On this screen tit will display the team’s colours, badge, and a small amount of information about the team. Then from there the user can click our match information button which will then display all the upcoming matches for their team along with other information about the matches. We also have a coach button that when pressed will display information on the coach of the respected team, i.e. age, name, nationality etc. We also have a captain button which will display any information on the team’s captain, i.e. name, age etc. Then below that we have a log out button which will bring the user back to the login screen.

To the right of these buttons we have our tourist section, which will display 6 buttons, one for each of the 6 nations. When clicked on each of these buttons the user is brought to a tourist page of the capital of the nation they selected. On this page there is a tourist map of the capital which when clicked will bring you to google maps of that location. Beside the map there is 5 buttons each with a different tourist attraction of the area on it and when one of these buttons is clicked it will transfer the user to that tourist attraction on google maps. The idea of using the link to google maps is to allow the user to access directions to these areas with ease. Also at the top of the page will display the logo of that nations team and when clicked will bring the user to the respected website of that rugby team. Finally, there is a main menu button that when clicked will bring the user back to their nations page.

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| --- | --- |
| ***Student Name*** | ***Area of Project Completed*** |
| David Sheehy | Homepage GUI’s, manager, team member and coach classes |
| Wayne Hartigan | Tourist GUI’s and tourist applications |
| Kellie Gregan | Login GUI and application |

***Reference List***

*Code:*

* [*https://stackoverflow.com/questions/10967451/open-a-link-in-browser-with-java-button*](https://stackoverflow.com/questions/10967451/open-a-link-in-browser-with-java-button)
* <https://stackoverflow.com/questions/2451252/swing-set-jframe-content-area-size>

*Images:*

* [*https://en.wikipedia.org/wiki/Irish\_Rugby\_Football\_Union*](https://en.wikipedia.org/wiki/Irish_Rugby_Football_Union)
* [*https://en.wikipedia.org/wiki/File:F%C3%A9d%C3%A9ration\_Fran%C3%A7aise\_de\_Rugby\_logo.svg*](https://en.wikipedia.org/wiki/File:F%C3%A9d%C3%A9ration_Fran%C3%A7aise_de_Rugby_logo.svg)
* [*https://en.wikipedia.org/wiki/File:Welsh\_Rugby\_Union\_logo.svg*](https://en.wikipedia.org/wiki/File:Welsh_Rugby_Union_logo.svg)
* [*https://en.wikipedia.org/wiki/File:Scottish\_rugby\_logo.svg*](https://en.wikipedia.org/wiki/File:Scottish_rugby_logo.svg)
* [*https://en.wikipedia.org/wiki/File:Italian\_Rugby\_Federation\_logo.svg*](https://en.wikipedia.org/wiki/File:Italian_Rugby_Federation_logo.svg)
* [*https://en.wikipedia.org/wiki/England\_national\_rugby\_union\_team*](https://en.wikipedia.org/wiki/England_national_rugby_union_team)
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* [*http://jornalmaker.com/paris-tourist-map-pdf/*](http://jornalmaker.com/paris-tourist-map-pdf/)
* [*https://romemap360.com/rome-tourist-map#.WiappEq6-Uk*](https://romemap360.com/rome-tourist-map#.WiappEq6-Uk)
* [*http://www.mobilemaplets.com/showplace/9831*](http://www.mobilemaplets.com/showplace/9831)
* [*http://www.mappery.com/map-of/Edinburgh-Mobimap-Map*](http://www.mappery.com/map-of/Edinburgh-Mobimap-Map)
* [*https://londonmap360.com/london-tourist-map*](https://londonmap360.com/london-tourist-map)

*Links:*

* [*https://www.google.ie/maps?rlz=1C2CHBF\_enIE709IE709&num=40&q=popular+tourist+attractions+in+dublin&um=1&ie=UTF-8&sa=X&ved=0ahUKEwiq0Jnmh\_PXAhWSFuwKHRkpDpAQ\_AUICygC*](https://www.google.ie/maps?rlz=1C2CHBF_enIE709IE709&num=40&q=popular+tourist+attractions+in+dublin&um=1&ie=UTF-8&sa=X&ved=0ahUKEwiq0Jnmh_PXAhWSFuwKHRkpDpAQ_AUICygC)
* [*https://www.google.ie/maps?num=40&rlz=1C2CHBF\_enIE709IE709&q=popular+tourist+attractions+in+cardiff&um=1&ie=UTF-8&sa=X&ved=0ahUKEwjLpf3th\_PXAhXHmLQKHZ6iAOIQ\_AUICygC*](https://www.google.ie/maps?num=40&rlz=1C2CHBF_enIE709IE709&q=popular+tourist+attractions+in+cardiff&um=1&ie=UTF-8&sa=X&ved=0ahUKEwjLpf3th_PXAhXHmLQKHZ6iAOIQ_AUICygC)
* [*https://www.google.ie/maps?num=40&rlz=1C2CHBF\_enIE709IE709&q=popular+tourist+attractions+in+edinburgh&um=1&ie=UTF-8&sa=X&ved=0ahUKEwjktpf3h\_PXAhWNJ1AKHex9ClEQ\_AUICygC*](https://www.google.ie/maps?num=40&rlz=1C2CHBF_enIE709IE709&q=popular+tourist+attractions+in+edinburgh&um=1&ie=UTF-8&sa=X&ved=0ahUKEwjktpf3h_PXAhWNJ1AKHex9ClEQ_AUICygC)
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* [*https://www.google.ie/maps?num=40&rlz=1C2CHBF\_enIE709IE709&q=popular+tourist+attractions+in+rome&um=1&ie=UTF-8&sa=X&ved=0ahUKEwieqIiLiPPXAhXJLFAKHVfrCG8Q\_AUICygC*](https://www.google.ie/maps?num=40&rlz=1C2CHBF_enIE709IE709&q=popular+tourist+attractions+in+rome&um=1&ie=UTF-8&sa=X&ved=0ahUKEwieqIiLiPPXAhXJLFAKHVfrCG8Q_AUICygC)
* [*https://www.google.ie/maps?num=40&rlz=1C2CHBF\_enIE709IE709&q=popular+tourist+attractions+in+paris&um=1&ie=UTF-8&sa=X&ved=0ahUKEwih89qRiPPXAhULaFAKHWk4ApUQ\_AUICygC*](https://www.google.ie/maps?num=40&rlz=1C2CHBF_enIE709IE709&q=popular+tourist+attractions+in+paris&um=1&ie=UTF-8&sa=X&ved=0ahUKEwih89qRiPPXAhULaFAKHWk4ApUQ_AUICygC)
* [*https://www.google.ie/maps/place/Dublin/@53.3244021,-6.5258809,10z/data=!3m1!4b1!4m5!3m4!1s0x48670e80ea27ac2f:0xa00c7a9973171a0!8m2!3d53.3498053!4d-6.2603097*](https://www.google.ie/maps/place/Dublin/@53.3244021,-6.5258809,10z/data=!3m1!4b1!4m5!3m4!1s0x48670e80ea27ac2f:0xa00c7a9973171a0!8m2!3d53.3498053!4d-6.2603097)
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* [*https://www.google.ie/maps/place/Edinburgh,+UK/@55.9412751,-3.485514,10z/data=!3m1!4b1!4m5!3m4!1s0x4887b800a5982623:0x64f2147b7ce71727!8m2!3d55.953252!4d-3.188267*](https://www.google.ie/maps/place/Edinburgh,+UK/@55.9412751,-3.485514,10z/data=!3m1!4b1!4m5!3m4!1s0x4887b800a5982623:0x64f2147b7ce71727!8m2!3d55.953252!4d-3.188267)
* [*https://www.google.ie/maps/place/London,+UK/@51.5281613,-0.6620036,9z/data=!3m1!4b1!4m5!3m4!1s0x47d8a00baf21de75:0x52963a5addd52a99!8m2!3d51.5073509!4d-0.1277583*](https://www.google.ie/maps/place/London,+UK/@51.5281613,-0.6620036,9z/data=!3m1!4b1!4m5!3m4!1s0x47d8a00baf21de75:0x52963a5addd52a99!8m2!3d51.5073509!4d-0.1277583)
* [*https://www.google.ie/maps/place/Rome,+Metropolitan+City+of+Rome,+Italy/@41.9102416,12.255815,10z/data=!3m1!4b1!4m5!3m4!1s0x132f6196f9928ebb:0xb90f770693656e38!8m2!3d41.9027835!4d12.4963655*](https://www.google.ie/maps/place/Rome,+Metropolitan+City+of+Rome,+Italy/@41.9102416,12.255815,10z/data=!3m1!4b1!4m5!3m4!1s0x132f6196f9928ebb:0xb90f770693656e38!8m2!3d41.9027835!4d12.4963655)
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*Videos*

* <https://www.youtube.com/watch?v=hDIXPbAODmE>

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