User Manual
CA326 THIRD YEAR PROJECT

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PROJECT NAME:

PremNews

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1. Starting the application

When the user first opens the application they are greeted with a start screen which contains the app name, a line of text containing simple instructions and two buttons. If the user is opening the app for the first time they should press the button labelled "Register" which will lead them to the page where they can register a new account. If the user already has an account they should press the button labelled "Login" which will lead them to the login page.
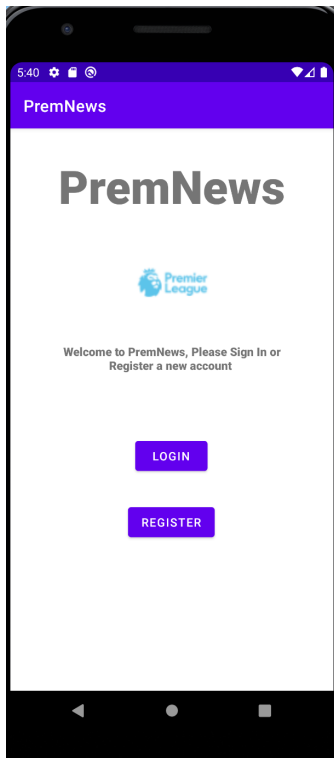

2. Registering a new account

When the user selects the "Register" button on the start screen they are brought to the registration page. Here a user is asked to create an account using their email address and a password of their choosing, the email address must be a valid email address and the password must be longer than 6 characters for security reasons. This information must be entered into the two provided text boxes which contain hints that disappear when the user starts typing to assist the user in knowing where to input each piece of information. When the user is typing in their chosen password each character becomes replaced by a bullet point as they type it in, this feature is also for security reasons. Once the information is entered the user must press the "Register" button at the bottom of the screen to finish the registration.

If the user enters an invalid email address or a non suitable password an error icon appears beside the associated field and the registration. The user can press on the error symbol to get more information on why the registration was not successful, they should then re-enter the necessary information.

There is also an option below the "Register" which allows the user to go to the login page if they are an already existing user and pressed on the register option on the start screen by accident.
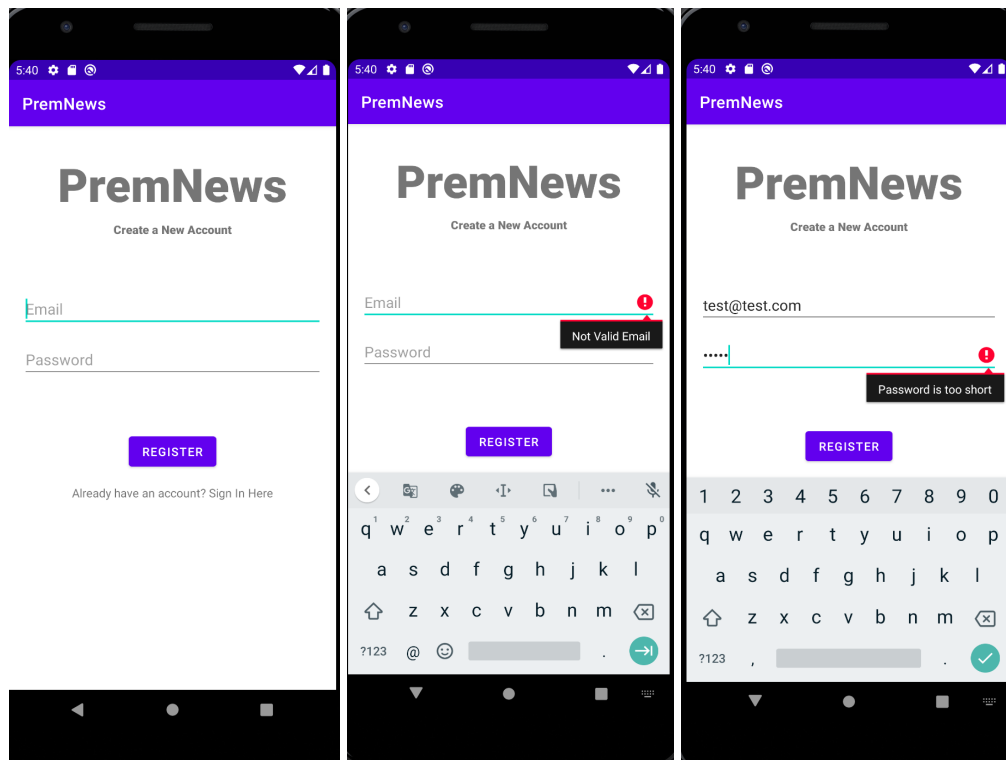
3. Selecting preferred teams

Once the user has registered their email address and password they are brought to a screen where they must select the teams for which they wish to view news about to complete the registration process. The user is presented with a screen containing a list of all the current teams in the English Football Premier League, there is also an option at the top of the list to select all the teams. Each option in the list has an associated checkbox, to select the desired options the user must press on the necessary checkboxes. Once the user is satisfied with their choices there is a checkmark in the top right corner which when pressed finalises the user's registration and saves the user's choices. When this is completed the user is brought to the application's main menu.

If the user wishes to change their selected teams there is an option to do this further on in the application.
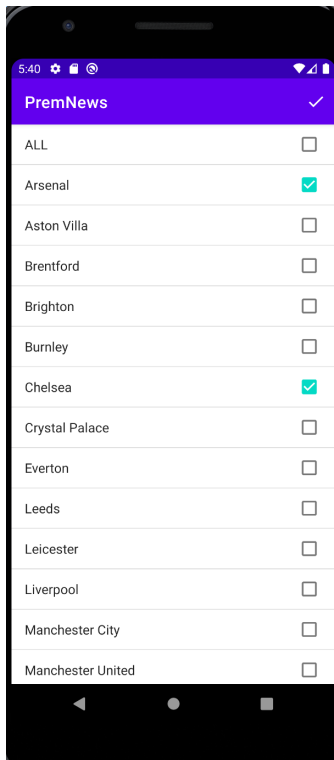
4. Login for an existing user

When the user selects the "Login" button from the start screen they are brought to a login page. On this page, the user is presented with two text input fields one for the email address and one for the password associated with their account. In the same way as the registration page, when the user starts typing their password each character is replaced with a bullet point for security reasons. Once the user has entered their information they must press the "Login" button to continue to the rest of the application. A message at the bottom of the screen also appears notifying the user that. If either the email address or password entered is incorrect a message will appear at the bottom of the screen notifying the user of this.

If the user does not have an existing account there is an option below the "Login" button which the user can press and be brought to the registration page and create an account using the process explained in point 2, Registering a new account.
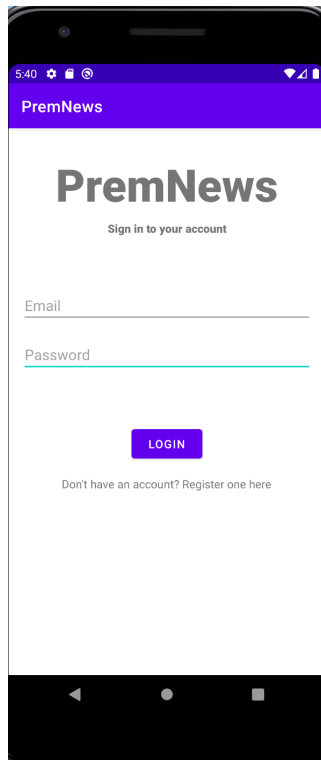
5. Navigating the Main Menu

When the user has either completed the registration or successfully logged into their account they are brought to the main menu of the application. At the top of the screen, the user's selected options for preferred teams are displayed. At the bottom of the screen, there are two buttons, one labelled "Logout" which is accompanied by an exit icon which when pressed logs the user out of their account and brings them back to the start screen and another labelled "Change teams" this button when pressed allows changing there originally selected options for preferred options and brings the user to the page explained in point 3, Selecting preferred teams.

There are 3 main buttons in this menu. Each one opens a page of the application that filters news differently by keyword, by date and by source. The buttons are labelled by which filtering action they perform. To the right of each of these buttons is an information button which when pressed displays a message at the bottom of the screen describing what each button does in more detail.
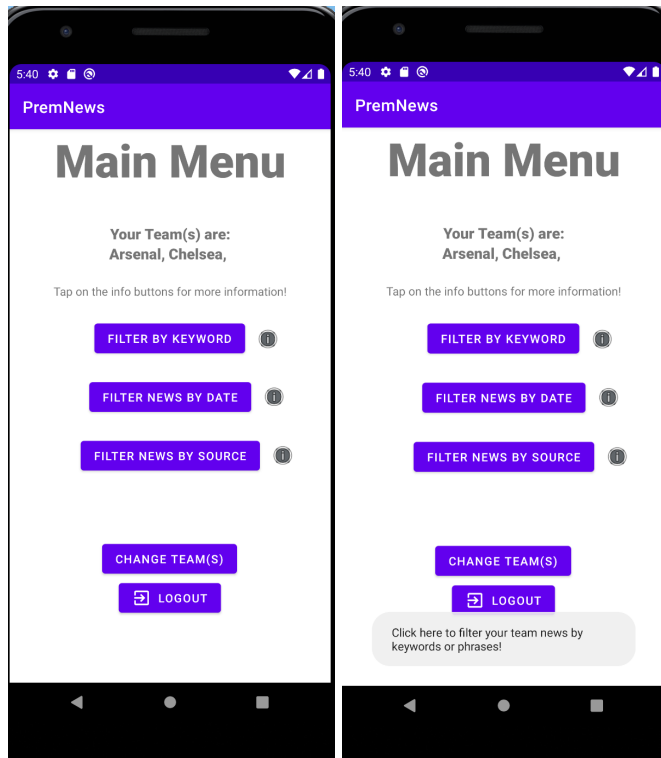
6. News filtering options

In this app there are three pages that display the headlines of articles about the selected teams filtered in different ways. Each page displays the headlines of the filtered articles in a scrollable list format. To view the article associated with the headline the user must press on the desired headline which will bring the user to a new page containing the related article. In the top right corner of each of these pages is a button with the home icon which brings the user back to the application's main menu.

6.1 Filtering by Keyword

In the filter by keyword page the user is presented with a text input field and a search button. The input field contains a hint letting the user know that this is where they can input the desired keyword or phrase which disappears when the user starts typing. When the user is done typing they press the search button which is labelled "Search". Headlines containing the entered keywords are then displayed. When entering keywords capitalization is not an issue as the application will search the keyword in upper and lower case.
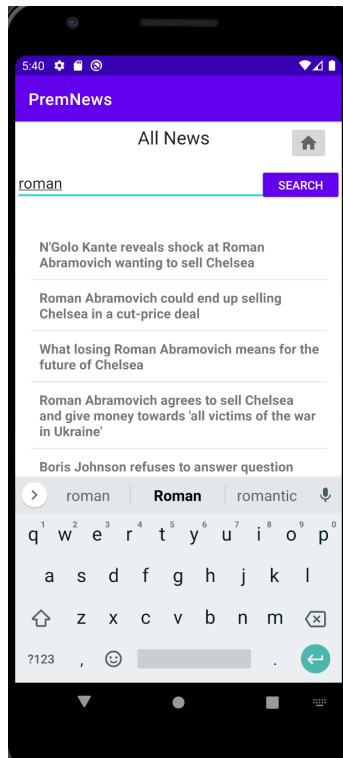
6.2 Filtering by Date

In the filter by date page headlines are displayed alongside the date they were added. At the top of the page there is a text input field and a search button, in the input field the user must enter the date they wish to filter articles by in the format YYYY-MM-DD then press the search button. There is a hint in the input field which reminds the user of the format they must use when filtering by date. Below the input field, there is also a drop-down menu that allows the user to choose in which order they want to display news, either oldest first or newest first.
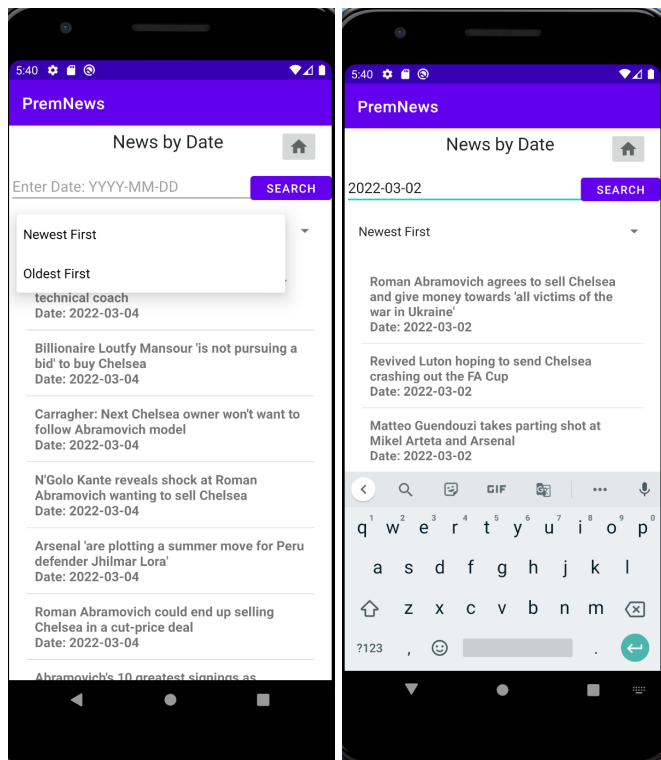
6.3 Filtering by Source

In the filter by source page there is a drop down menu at the top of the page there is a drop-down menu containing a list of the sources of all the articles. To display all the articles from one source the user must press on the desired source from the drop-down menu.
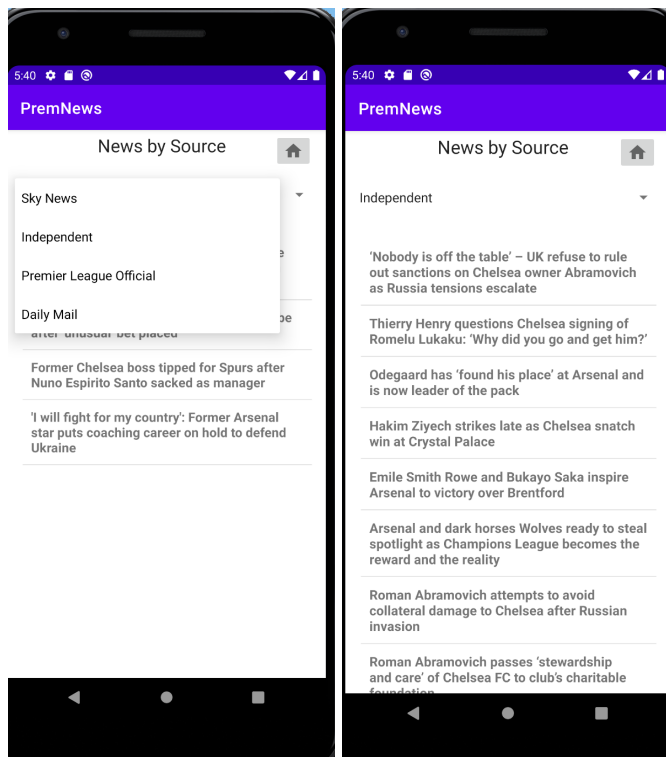
7. Navigating an article

When a headline is selected a page containing a web view of the related article is opened. The article is displayed in a scrollable format with a large button labelled "Back" at the top which brings the user back to the previous filter news page. When the webview is first loaded up a message appears at the bottom of the screen reminding the user how to navigate back to the desired list of filtered articles.