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# PRODUCT GUIDELINE

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Product Name: HappyNews

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2019-3-23

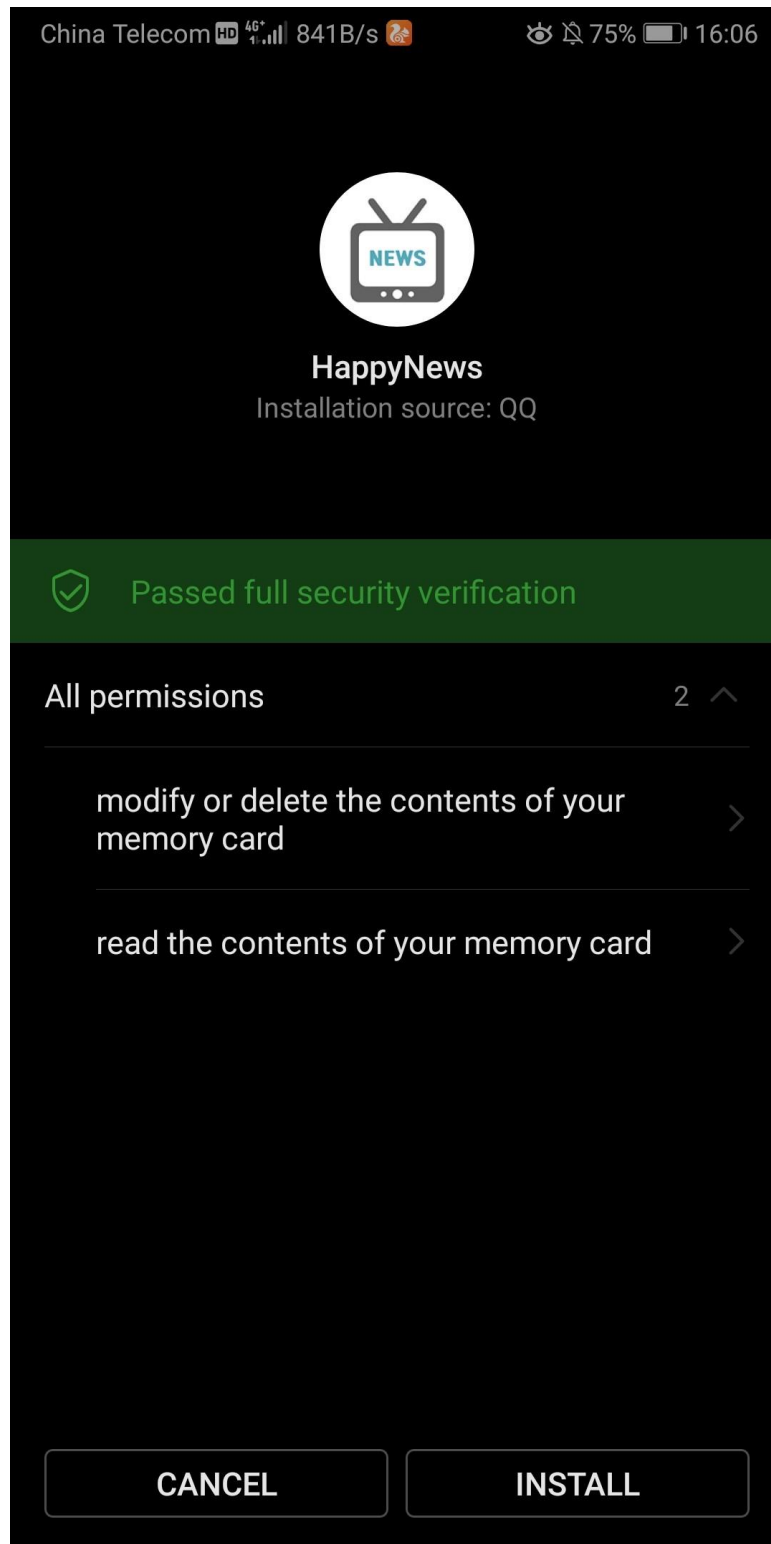
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# 1. Installation

Click the apk file to install the application



## 2. Register

1. The first time you open the app, you can see the login interface as below.



Email

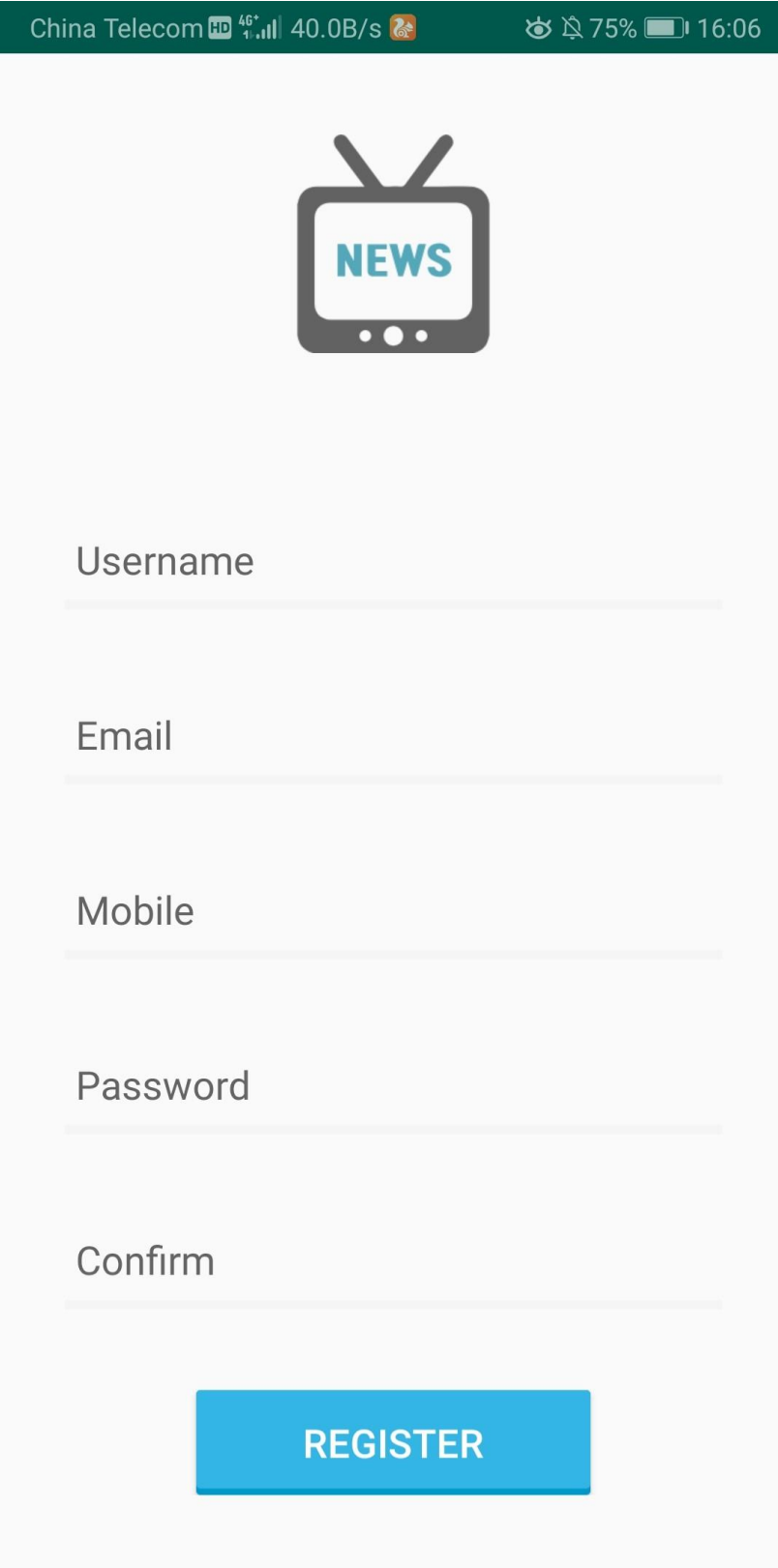
Password

☒ Remember Email and Password

SIGN IN

Don't have an account? Register now!

2. Click the text “Don’t have an account? Register now!” to open the register interface.



The image shows a mobile application registration interface. At the top, a dark green status bar displays 'China Telecom', '4G+', signal strength, '40.0B/s', a Wi-Fi icon, '75%' battery, and '16:06'. Below the status bar is a large, light gray rectangular area. In the center of this area is a dark gray television icon with the word 'NEWS' in blue capital letters on its screen. Below the icon are five input fields, each with a label and a light gray underline: 'Username', 'Email', 'Mobile', 'Password', and 'Confirm'. At the bottom of the gray area is a blue rectangular button with the word 'REGISTER' in white capital letters.

China Telecom 4G+ 40.0B/s 75% 16:06

NEWS

Username

Email

Mobile


Password

Confirm


REGISTER

3. Fill in the information that asked, and click register button to create a new account.


China Telecom HD 4G+ 140B/s 75% 16:07




Username

 test


Email

 test@qq.com


Mobile

 17723456789

Password

 .....

Confirm

 .....

PROCESSING

### 3. Login

1. After registration, it will automatically jump back to the login interface, and the Email and password will be filled in automatically.



Email



test@qq.com

Password



.....

☒ Remember Email and Password


PROCESSING

Don't have an account? Register now!

2. The default setting is to remember the users' email and password, so if you don't want it to remember that, just click it.



Email

 test@qq.com

Password

 .....

☐ Remember Email and Password

**SIGN IN**

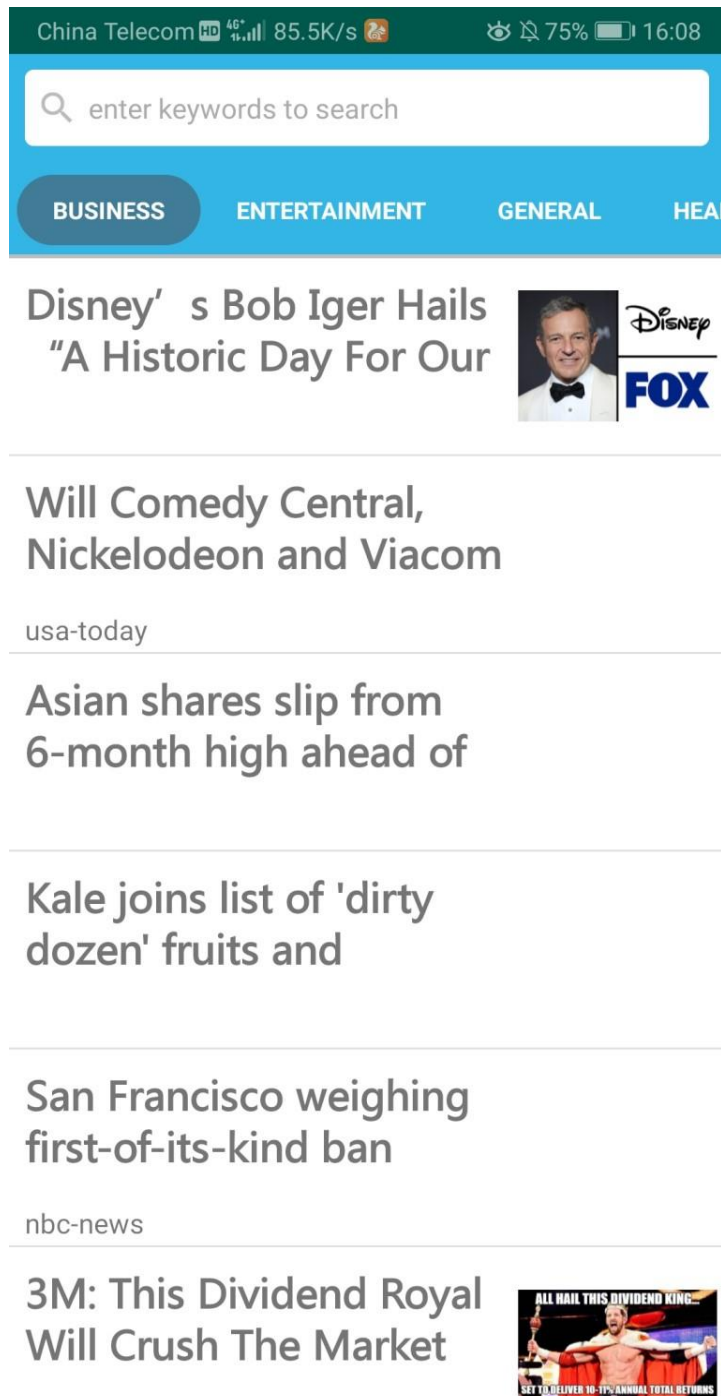
Don't have an account? Register now!



## 4. Functions

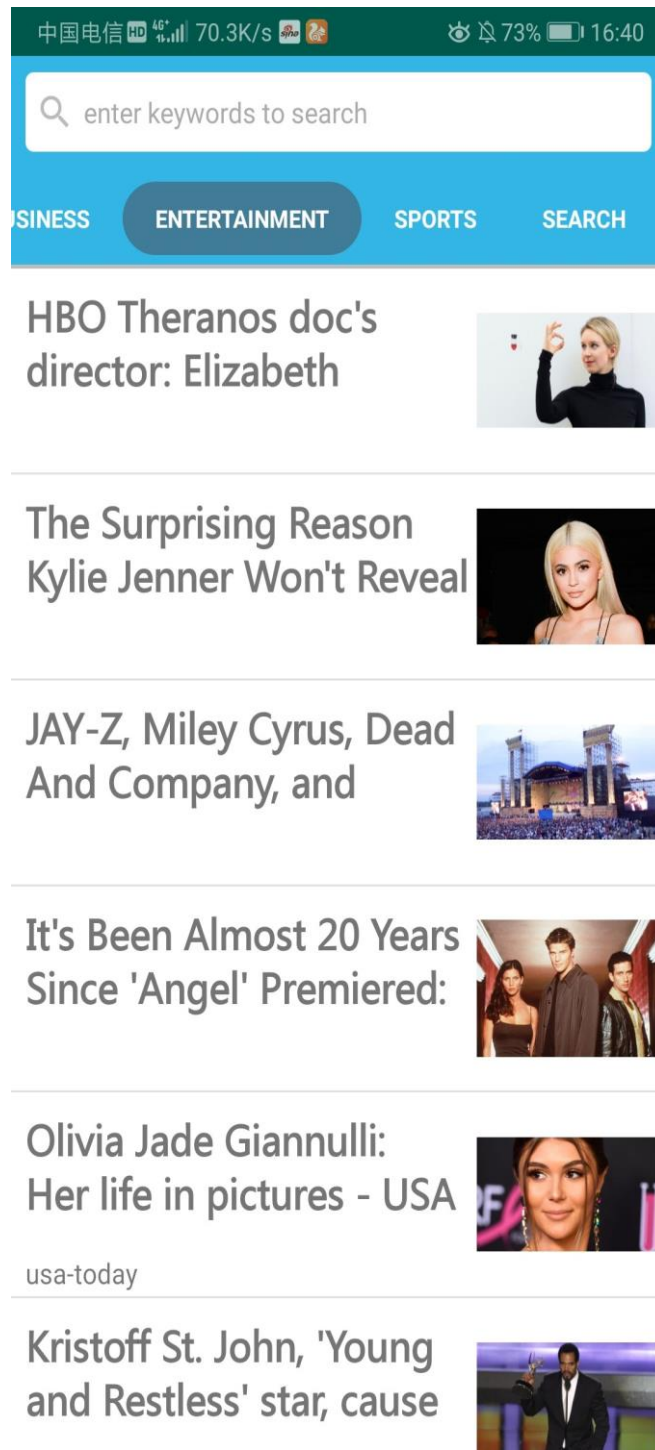
### 1. Read different types of news

After login, it will show you the main interface as below.

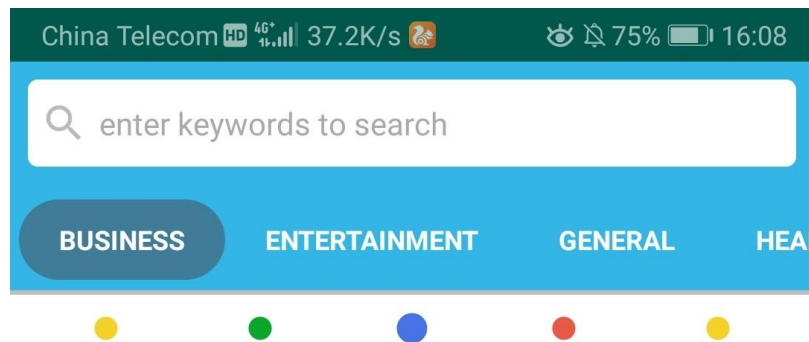


## 1. Slide to change news channel

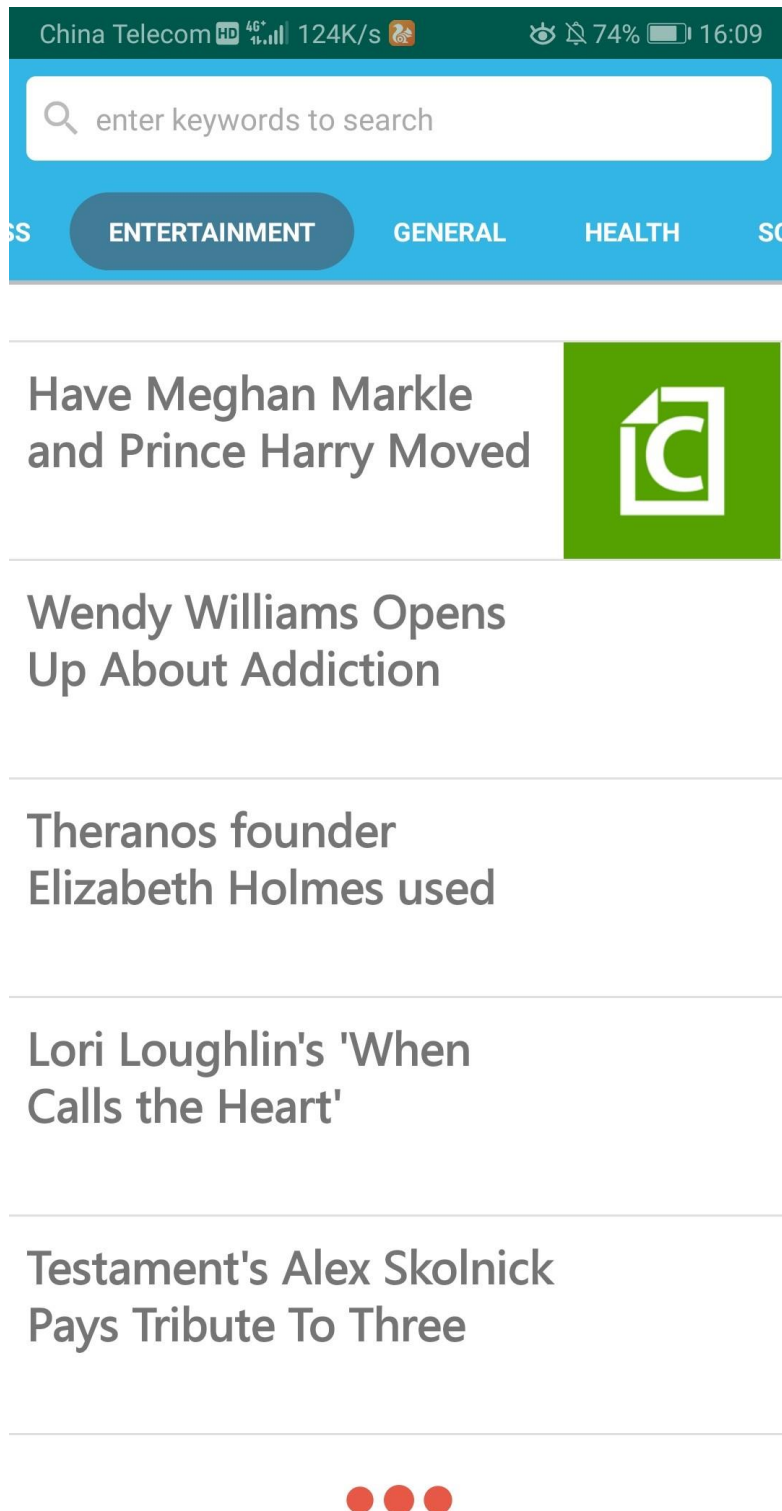
You can slide from left to right or right to left to change the news channel.



## 2. Slide from top to bottom to refresh news list

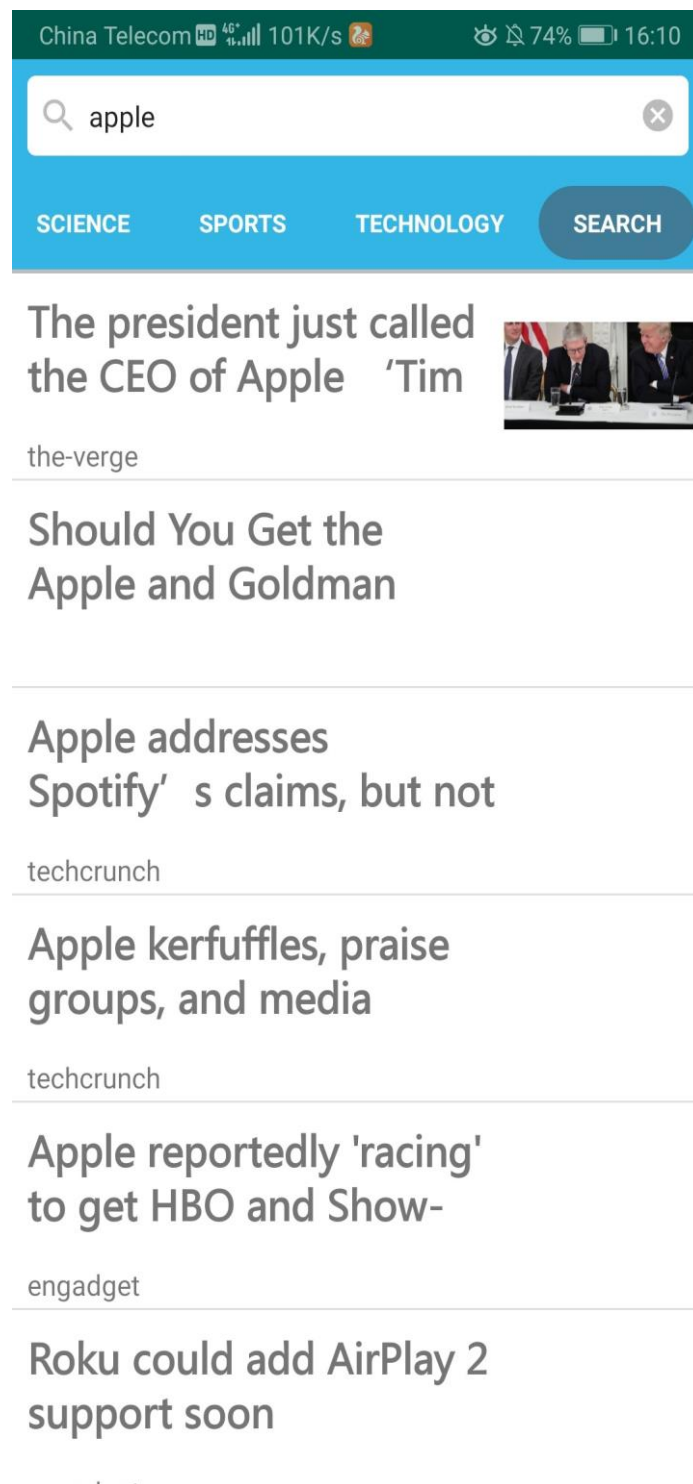


### 3. Slide from bottom to top to load more news



## 4. Search news

Click the search bar and input the key words to search the news that you like.



## 5. Read News

Click one of the news to start reading



### ← NCAA Tournament 2019: Wi.. ☆



*John Minchillo/Associated Press*

The 2019 NCAA men's basketball tournament is officially underway as the opening pair of First Four games kicked things off Tuesday in Dayton, Ohio.

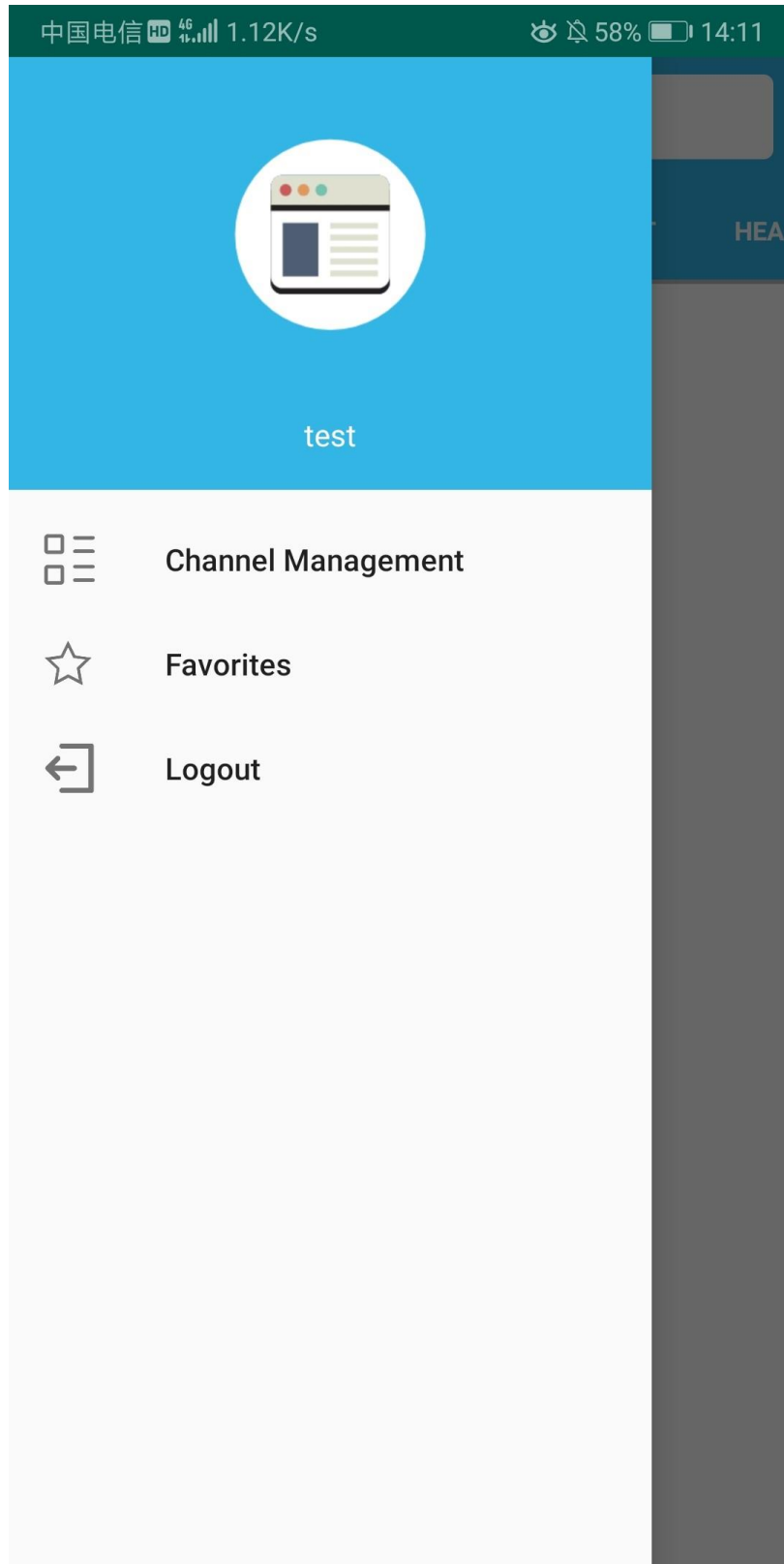
The Fairleigh Dickinson Knights defeated the Prairie View A&M Panthers 82-76 in the early game, coming back from a 13-point second-half deficit. They earned the right to play No. 1 Gonzaga on Thursday.

No. 11 seeds Temple and Belmont faced off in the second, and Belmont prevailed 81-70. They move on to face No. 6 Maryland in the East region during the round of 64.

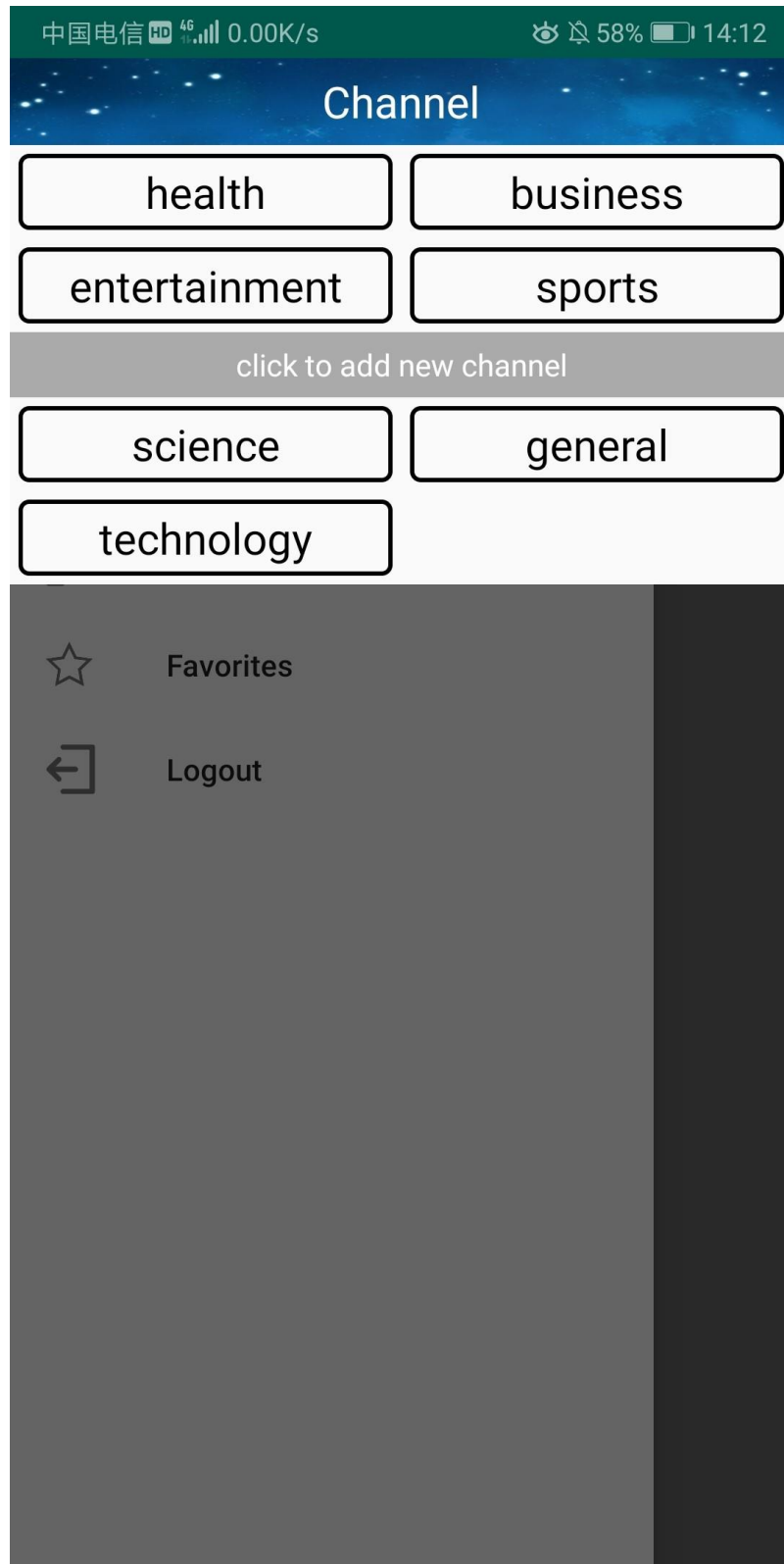
Here are the winners and losers from the first day of March Madness action.

## 2. Choose your favorite types of news

1. Slide from the left edge of the screen to open the navigation interface



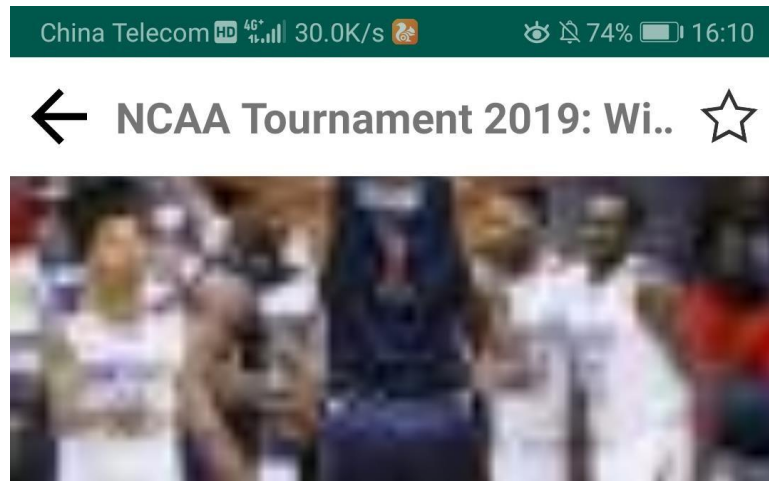
2. Click the “Channel Management” to open the channel dialog, and choose your favorite channels. And you need to restart the app to confirm changes.





### 3. Collect your favorite news

1. If you like one of the news and wanted to read it later, you can click the star in the top right corner



*John Minchillo/Associated Press*

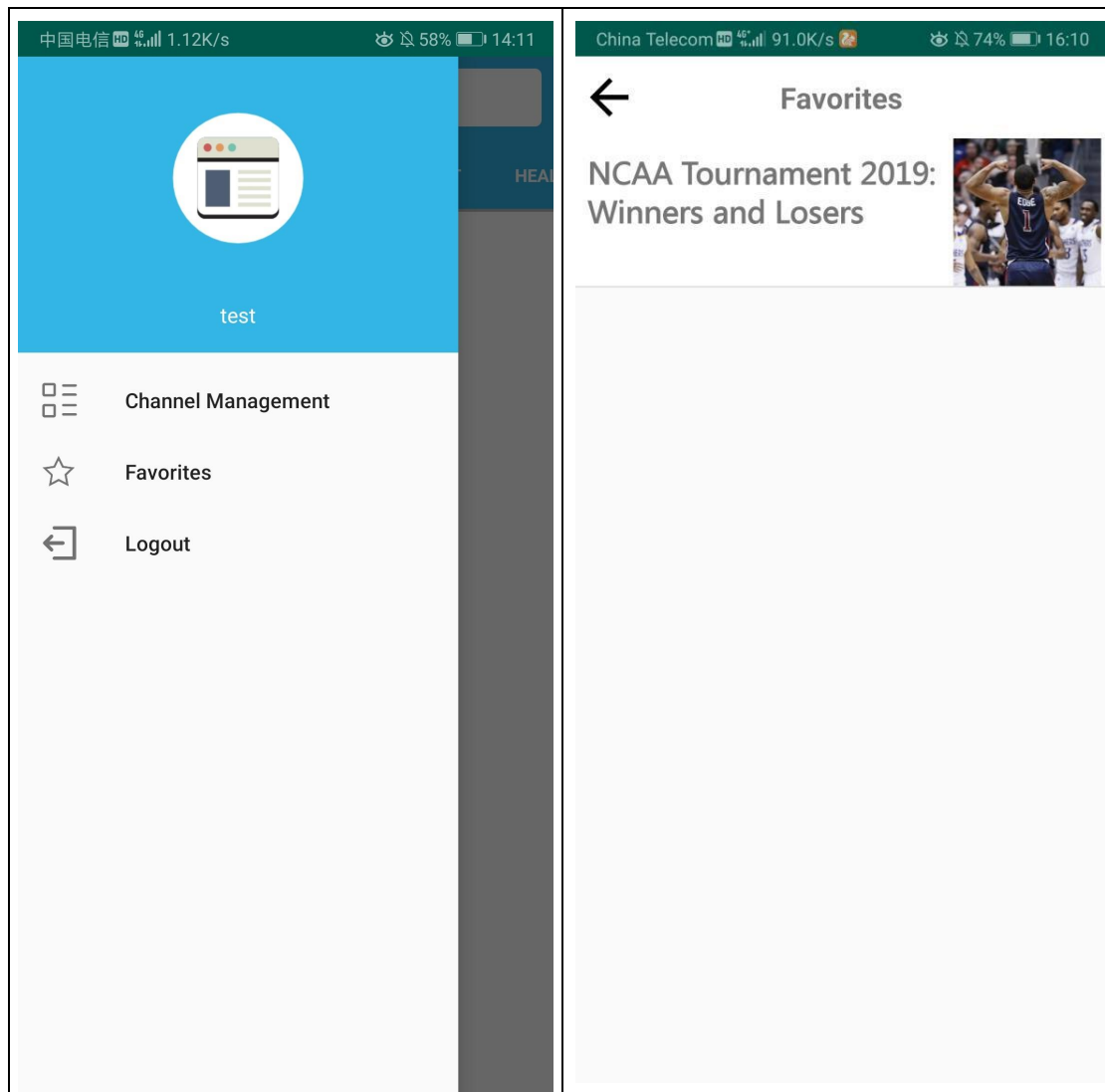
The 2019 NCAA men's basketball tournament is officially underway as the opening pair of First Four games kicked things off Tuesday in Dayton, Ohio.

The Fairleigh Dickinson Knights defeated the Prairie View A&M Panthers 82-76 in the early game, coming back from a 13-point second-half deficit. They earned the right to play No. 1 Gonzaga on Thursday.

No. 11 seeds Temple and Belmont faced off in the second, and Belmont prevailed 81-70. They move on to face No. 6 Maryland in the East region during the round of 64.

Here are the winners and losers from the first day of March Madness action.

2. Then, open the navigation interface, click “Favorites” to open the favorites interface



## 4. Offline Support

When you cannot get access to the internet, or there is something wrong with the server, you can still read the list and news that previously fetched from the server.



A Washington University team showed how a phototrophic microbe called *Rhodospseudomonas palustris* takes up electrons from conductive substances like metal oxides or rust to reduce carbon dioxide. Credit: Bose Laboratory, Washington University