

A mobile website that uses feed rss of local news. All feeds will be added each time and setted by admin. The end users only read news and suggest new feed website.

The mobile website needs two pages:

The first page contains all categories (politics, sports, etc). The second page contains a news list of category chosen.

The third step is a redirect to website of news chosen by user. The header of mobile website contains a link to homepage (first page). This project is similar to News Republic app (you can download app on Play Store and App Store).

The different is that our project is a mobile website (not an app) and feed rss will be on local news (our region).

Frameworks:

- jQuery Mobile 1.2.0:

you can use default template of this framework.

Only for the first page, that contains categories, we need a responsive page: each category will be an image with the name of category and if you rotate the device, images will be adapt to screen (like News Republic app).

For the second page, that contains list news, you can use the default listview "thumbnails" of jQueryMobile (<http://jquerymobile.com/demos/1.2.0/docs/lists/lists-thumbnails.html>)

- jQuery 1.8.2


Languages and markup:


- PHP 5.3.x:

we need a strong OOP programming; and a function that return an error message if the feed rss not exists or is not generated correctly;



If admin approves new feed (suggested with a little form by user), it will be added manually (directly in the code, without admin panel).


- HTML 5


 4 new messages



All News







 AFP

9 minutes ago

Football - Individual mistakes cost us, says McCoist

Ally McCoist





 Associated Press

24 minutes ago

Bulls F Taj Gibson agrees to 4-year extension

Chicago Bulls





 Bike Radar

25 minutes ago

Three for Thursday: River City Bicycles

Cycling




 Crash.Net


25 minutes ago

POLL: Who is the most impressive 2012 Champion?

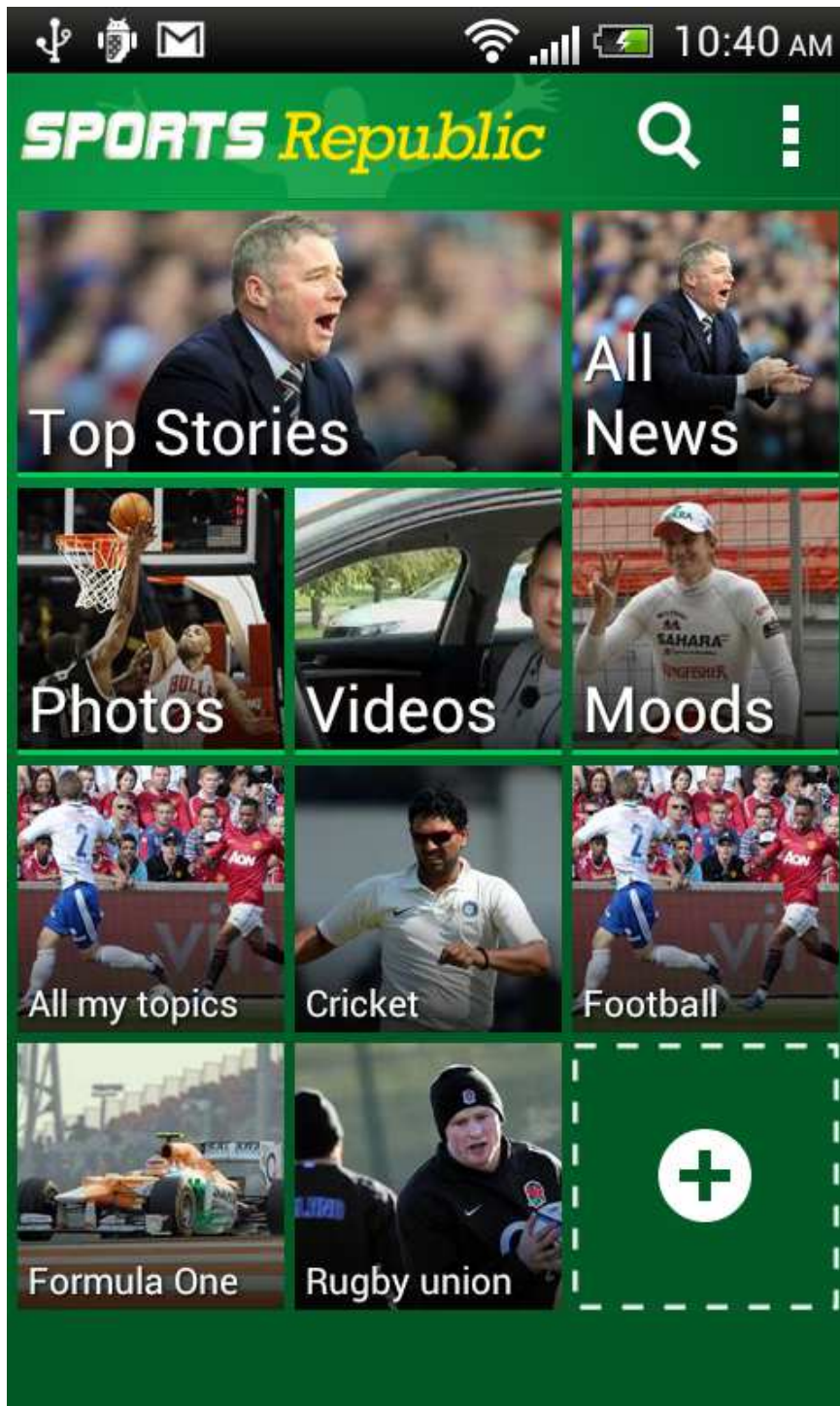
Motorsport



Free GROUP CHAT



Category Screen



Homescreen

Database details –

Category Table

Category ID + Category Name

Feeds Table

Feed ID + Feed url + Category ID

Sample Parser – make it more sophisticated with better error handling

```
<?php

$feed = 'http://news.google.co.in/news?hl=en&q=Lucknow&biw=1366&bih=543&um=1&ie=UTF-8&output=rss';

$filecontent = simplexml_load_file($feed);

foreach($filecontent->channel->item as $items)

    {

        $desc = $items->description;

        $title = $items->title;

        $link = $items->link;

        $start = strpos($desc,"src=");

        $end = strpos($desc,'.jpg');

        $img = substr($desc,$start+5,$end-1-$start);

    }

    ?>

    <a href="<?php echo $link;?>" target="_blank"><?php echo
$title;?></a>

    <?php } ?>
```