



WHAT'S THE CRAIC? NEWS

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PROJECT STORYBOARD

PLANNING STAGE

BASIC IDEA

What's The Craic News is a website about national (Ireland) and international news. Both approaches will be separated, so the user can filter the news and select the scope.

Besides that, the website provides different topics to be chosen, so that the user can sort the news by several topics:

- **Front Page:** The most important news will be shown here. These news are selected by an Administrator and when an article is very popular, it will be automatically shown here.
- **General:** News that involves no topic in particular or general interest.
- **Economy:** All the news involving economical factors.
- **Science & Technology:** All the news related with the technological and scientific world.
- **Culture:** All the news that regards to the society and cultural facts
- **Sports:** All the news related to the sporting environment

As a final feature, as every article can be **liked** by the user and a **count of views** is saved, the news can be sort by **most popular** or **most viewed**.

In WTC News, our content is made by our users, so every registered user can **send**, **edit** and **delete** its own articles and news, which can be **commented** by the user itself and other registered users. But, the user must be careful with the comments, because the others users can **vote negatively** or **positively** the comment, which affects to the user's **karma***.

**If a user wants to post an article, its karma must be positive.*

APP FEATURES / REQUIREMENTS

In WTC News, the functionality and the features provided will be different depending of the type of user.

GUEST

An unregistered user/visitor of the website will have the role of **guest**. The functionalities provided to this kind will be reduced to visit the website, being able to read articles and sort them by topics, read comments, etc. But it **won't** be able to post any kind of articles or comments, neither like or vote.

NORMAL USER

A user can register in the website, providing a username, password, name, last name as required fields, and add his/her nationality and a short description.

Once the user has been registered and logged in, the following features and functionalities will be provided:

- Like the guest user, he/she will be able to **read** all the contents.
- **Send** an article, providing a title, description, content, choosing the topic and the scope of the article.
 - The users will have a karma field, and the option to write an article will be only shown if the user's karma is **positive**.
- **Edit** and **delete** its own articles.
- **Like** and **dislike** articles.
 - When an article reach **50 likes**, it will be shown in the **front page**.
- **Post comments** in the articles and **delete** them.
- **Vote negatively** or **positively** the comments of other users. This feature will affect other users karma.

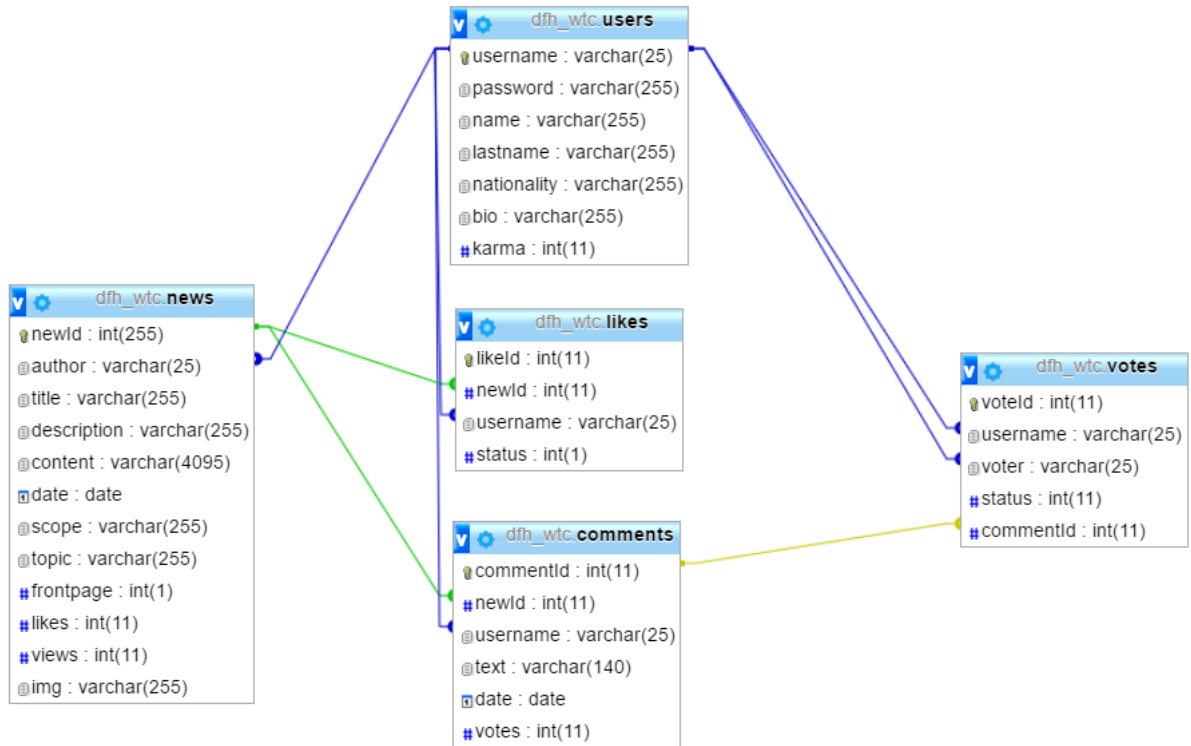
ADMIN

The admin role can only be given by the owner of the website. The admins will have more powers and features than a normal user, while they can do the **same** things as them.

- An admin can **edit** and **delete** everyone's **articles**.
 - For instance, move an article to a more appropriate topic.
- **Delete** everyone's **comments**.
- **Mark** an article to be shown in the **front page**.
- **Manage** news, users and comments in general.

DESING STAGE

ER-DIAGRAM



WORK FLOW

In WTC News, the user experience starts in the **homepage**, where he/she will be able to **log in** or **register**, while the **main news** are shown (depending of the scope selected: Ireland or International).

So, the user is able to go through the **different topics** with their corresponding articles. Also, the logged users can find an **"add article"** button that leads to a form.

To continue, users can select an article to obtain a **detailed information**, alongside with the **comments** that the different users wrote in that article. So that, a space to **post a comment** will be provided for the logged users.

Finally, each user will have its own **profile page**, where his/her **information** will be displayed next to his/her **articles** and **comments** written in the website.

MVC BREAKDOWN

VIEWS

HOMEPAGE

This homepage will show the main articles, which are the selected by the admins or those who have more than 50 likes. This view will be updated by date.

NAVBAR		LOG IN/PROFILE
HEADER (Topic's name)		
NAVBAR SORT/CHOOSE TOPIC		
TOPIC	ADD ARTICLE	
ARTICLE 1	10 MOST VIEWED 10 MOST POPULAR	
...		
ARTICLE N		
FOOTER		

ARTICLE'S PAGE

When a user/guest clicks in the title of an article, its information is passed to the next view, where the contents of the article are shown, alongside its comments.

NAVBAR		LOG IN/PROFILE
/PATH	TITLE	IMAGE
Description		
CONTENT		
COMMENTS		ADD COMMENT
COMMENT 1		TOPICS
...		
COMMENT N		
FOOTER		

ADD/UPDATE ARTICLE

NAVBAR	LOG IN/PROFILE
NAVBAR SORT/CHOOSE TOPIC	
ADD/UPDATE ARTICLE FORM	
FOOTER	

PROFILE VIEW

NAVBAR	LOG IN/PROFILE
USER'S INFORMATION	
ASIDE VIEW ARTICLES VIEW COMMENTS	ARTICLES/COMMENTS WRITTEN
FOOTER	

ADMIN VIEW

NAVBAR	LOG IN/PROFILE
TABLE Providing options to manage all the articles/users and sort them	
FOOTER	

ABOUT US

NAVBAR	LOG IN/PROFILE
ABOUT US INFORMATION	
FOOTER	

CONTROLLERS

GUEST

- ⊗ Sign In
- ⊗ Register
- ⊗ Show article
- ⊗ View users profiles
- ⊗ List topics
- ⊗ List front page articles
- ⊗ List articles by topics
- ⊗ List articles by views/likes
- ⊗ List comments (by article)

USER

- ⊗ Sign In/Out
- ⊗ View Profile
- ⊗ Add article (if karma>0)
- ⊗ Like an article
- ⊗ Show article
- ⊗ Update own articles
- ⊗ Delete own articles
- ⊗ View users profiles
- ⊗ List topics
- ⊗ List front page articles
- ⊗ List articles by topics
- ⊗ List articles by views/likes
- ⊗ List comments (by article)
- ⊗ Post comments
- ⊗ Delete own comments
- ⊗ Vote comments

ADMIN

Normal USER's options +

- ⊗ Update everyone's articles
- ⊗ Delete everyone's articles
- ⊗ Delete everyone's comments
- ⊗ Mark articles to be shown in front page
- ⊗ Display all the articles
- ⊗ Display all the users
- ⊗ Manage articles
- ⊗ Manage users

MODELS

NEWS DB

- | | |
|-----------------------------|--------------------|
| ⊗ Get all news | ⊗ Get topic's name |
| ⊗ Get front page news | ⊗ Get article |
| ⊗ Get news by scope | ⊗ Add article |
| ⊗ Get news by scope + topic | ⊗ Update article |
| ⊗ Get news by views | ⊗ Delete article |
| ⊗ Get news by likes | ⊗ Like article |
| ⊗ Get news by author | ⊗ Clean likes |

USERS DB

- | | |
|------------------------|----------------|
| ⊗ Register | ⊗ Get karma |
| ⊗ Get user information | ⊗ Update karma |
| ⊗ Get/Check username | ⊗ Update user |
| ⊗ Get/Check password | ⊗ Delete user |

COMMENTS DB

- | | |
|---------------------------|------------------|
| ⊗ Get comments by article | ⊗ Get comment |
| ⊗ Get comments by user | ⊗ Add comment |
| ⊗ Get all comments | ⊗ Delete comment |
| ⊗ Get username | ⊗ Update votes |
| | ⊗ Clean votes |

LIKES DB

- | | |
|------------------|-----------------|
| ⊗ Check username | ⊗ Change status |
| ⊗ Add like | ⊗ Check status |
| ⊗ Delete like | |

VOTES DB

- | | |
|----------------------|-----------------------------|
| ⊗ Check username | ⊗ Delete votes by commentId |
| ⊗ Check voter | ⊗ Delete votes by voter |
| ⊗ Get vote | ⊗ Delete votes by username |
| ⊗ Get votes by voter | ⊗ Delete vote |
| ⊗ Change status | ⊗ Reset vote |
| | ⊗ Reset votes |