Java Enterprise Edition

Fall Semester 2020

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TASK 4

)

Problem 1

1. Russian

Develop a WEB application for adding news in different languages:

```
2. English
       3. You can add any new language
Create table in MySQL or PostgreSQL:
publications (
       id - int(11)
       name - varchar(255)
       description – text
       rating - double
)
languages (
       id - int(11)
       name - varchar(255)
       code – varchar(3) //ENG, РУС
)
news (
       id - int(11)
       title - varchar(255)
       short_content - text
       content - text
       post_date - timestamp
       picture_url - varchar(255)
       language_id - int(11) - foreign key, references to languages.id
       publication_id - int(11) - foreign key, references to publication.id
```

In main page, we have a list of news: (We can filter news by publications by clicking into link in top menu)



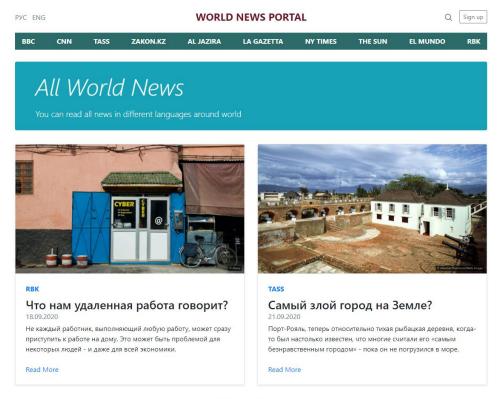
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You can read news details:



Facebook

After switching language from ENG (English) to PYC (Russian), you must view only news in Russian language:

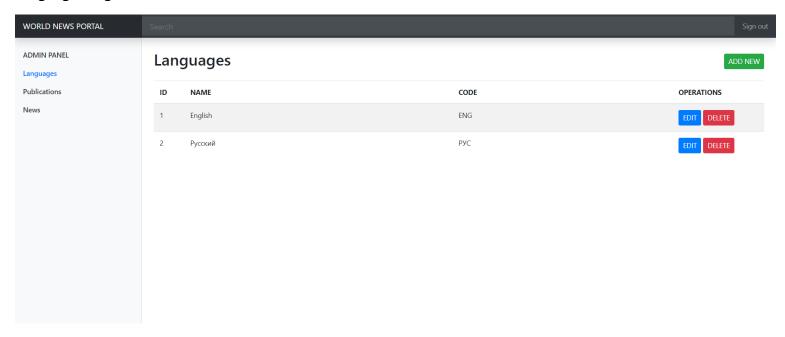


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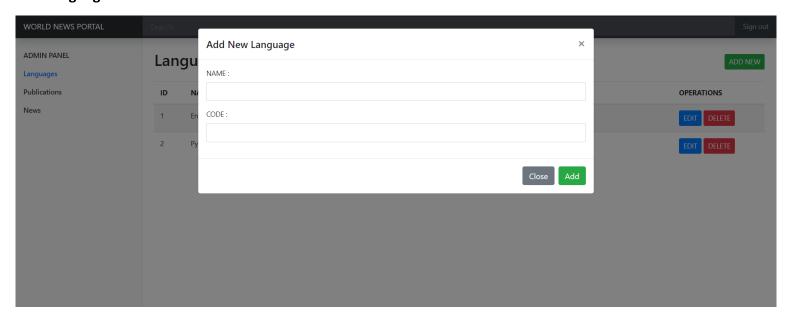
Here you will use cookies to implement this task. Save language configurations into a cookie for 1 month at least. After restarting your browser (closing and opening), all news in home page must be in chosen language.

Create an admin panel for managing with news. Your admin panel will have a link (Servlet):

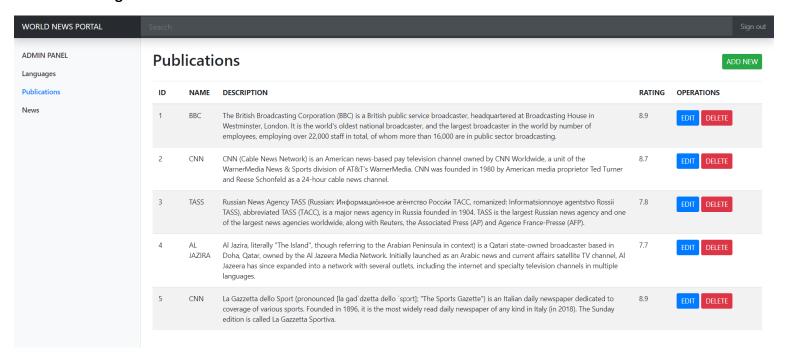
Languages Page



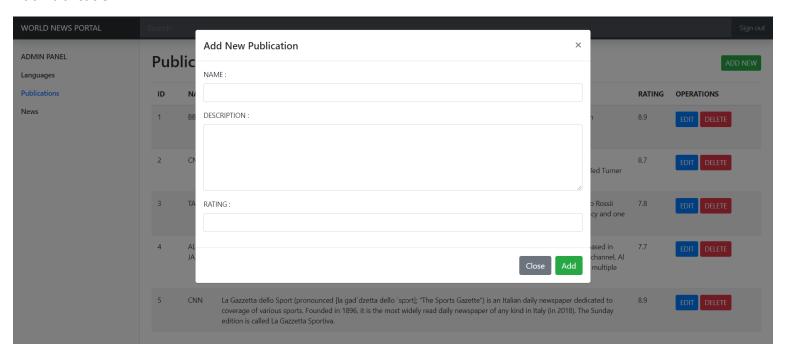
Add Language



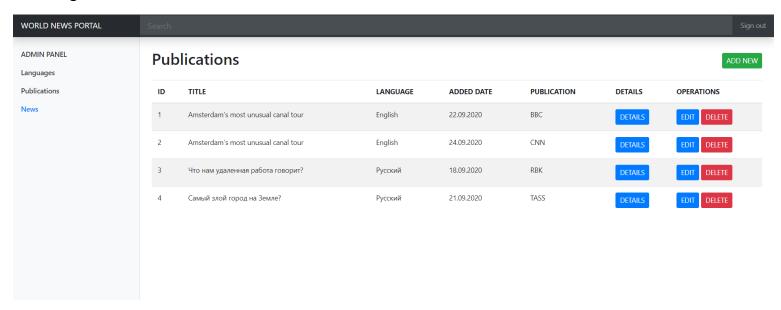
Publications Page



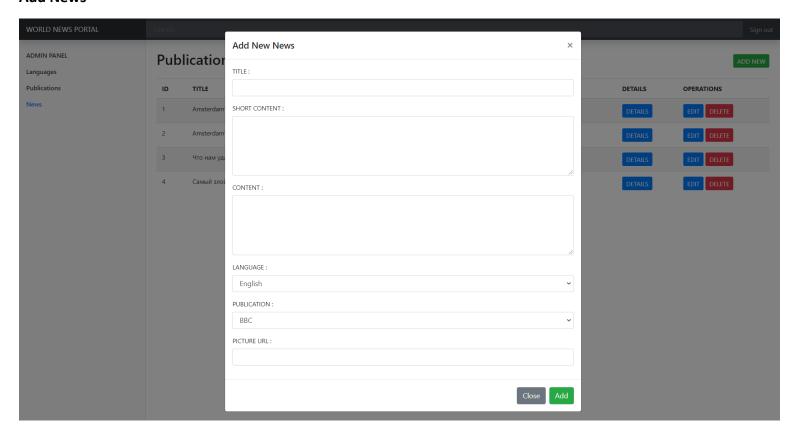
Add Publication



News Page



Add News



Use Bootstrap 4 as a design of your page.

Admin must be able to fully control with content (news, language, publication).