

Object-Oriented Programming Project

Angie Nathaly Cisneros Guerrero

20242020084

Luis Sebastián Correa Barreto

20242020085

Project: Replicate the functionality of the "El Espectador" website, which provides access to current news.

Objectives:

- ★ Keep the user informed through easily accessible news.
- ★ Find news by classification to make your search easier.
- ★ Offer comprehensive and detailed reports on relevant topics.

Requirements documentation:

1. Functional requirements:

- See news
- See news listings
- See the different news sections

2. Non-Functional requirements:

- Scalability
- the project must have sufficient storage capacity for the different news
- Intuitive Navigation, for all types of users
- Modularity of the code to ensure the Maintainability of the different sections of the page
- maintain adequate response time
- The project must have adequate documentation to facilitate its development
- security of stored data and maintain the rights of the authors

User stories:

Title: Reader	Priority: High	Estimate: 6 weeks
User Story: <i>As a</i> reader of the page, the viewer, <i>I would like</i> to have a home page with a relevant news story and clearly designated top news story, <i>this way I can</i> see what's most important at the moment.		
Acceptance Criteria: <i>Given</i> the reader navigates to the homepage, <i>when</i> the user enters the page they will see the main news, <i>then</i> a visually Top Story is displayed and other recommendations of the moment.		
Title: Latest News Reader	Priority: Medium	Estimate: 4 weeks
User Story: <i>As a</i> reader, <i>I would like</i> to have a section of the page where I can easily see the latest news, <i>so I can</i> stay up-to-date with what's happening next.		
Acceptance Criteria: <i>Given</i> the user navigates to a new section of the page where they can see the latest news, <i>when</i> the user goes to the latest news section <i>then</i> a list with the last 9 most recent news will be displayed		

Title: International News Reader	Priority: Low	Estimate: 3 weeks
User Story: <i>As a</i> reader interested in global affairs, <i>I want</i> to have a section that can be distinguished from others, such as "International News" on the website, which displays a selection of the most relevant and significant news from various countries and regions around the world, <i>so that I can</i> easily stay informed about important events beyond my local context.		
Acceptance Criteria: <i>Given</i> the user navigates on the homepage, <i>When</i> the user clicks on the International News link or the section, <i>then</i> they are navigated to an "International News" page then a selection of at least 9 distinct news articles from different countries or regions is displayed where allow them to view the most important news from around the world.		

Mockup:

<https://www.figma.com/proto/iNxlbwTLOjuXZIfmVmLjmf/P%C3%A1gina-EL-ESPECTADOR?node-id=0-1&t=i2iDk84kHLAn7zfj-1>

CRC Cards:

Class Name: Section	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Organize the news pages, depending on the section• Show news pages	<ul style="list-style-type: none">• News Pages

Class Name: News pages	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Show the news and its components organizedly• Show the image of the news• Show the summary of the news	<ul style="list-style-type: none">• News• News Images

Class Name: News	
Responsabilities	Collaborators
<ul style="list-style-type: none"> • Store the news and its characteristics • Stores a summary of the news • Show related image 	<ul style="list-style-type: none"> • News pages • News Images

Class Name: News Images	
Responsabilities	Collaborators
<ul style="list-style-type: none"> • Store an image related to each news 	<ul style="list-style-type: none"> • News pages • News

References:

<https://visuresolutions.com/es/requirements-management-traceability-guide/functional-vs-non-functional-requirements/>

[https://leanmind.es/es/blog/crc-cards-class-responsibility-collaborator/#:~:text=Las%20tarjetas%20CRC%20\(Class%20Responsibility,y%20l%C3%A9mites%20de%20un%20sistema.](https://leanmind.es/es/blog/crc-cards-class-responsibility-collaborator/#:~:text=Las%20tarjetas%20CRC%20(Class%20Responsibility,y%20l%C3%A9mites%20de%20un%20sistema.)