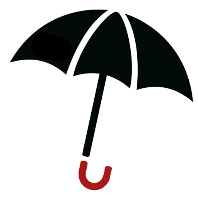
Project Proposal

# Toofan Express

## News that will take you by storm



Web Programming and Framework 1 – Final Project

by

**Team Members**

|  |  |
| --- | --- |
| Name | N Number |
| Ayush Thakur | N01649393 |
| Manas Pandya | N01657298 |
| Vivek Chalodiya | N01652717 |

Table of Content

|  |  |  |
| --- | --- | --- |
| Index | Description | Page no. |
| 1 | Project Description and core features | 3 |
| 2 | Dataset selection | 4 |
| 3 | Task Distribution and GitHub repository | 5 |
| 4 | Wireframes | 6 |
|  |  |  |

# Project Description

We aim to create a news web app using Node, Express, MongoDB, and all the necessary tools to provide a category-based reading experience to users, such that it is easy for them to follow specific topics.

Some of the project features are:

1. Interest based news feed selected by the user
2. Publisher login and dashboard
3. Able to perform the addition, deletion, or updation of articles from Publisher
4. Using pagination to optimize the web page for mobile users
5. Search articles by description or headline
6. Sort the articles by newest or the oldest

# Dataset Selection

We have selected “news category data” uploaded on Kaggle.com by Rishabh Misra. A link to the original dataset can be found here: <https://www.kaggle.com/datasets/rmisra/news-category-dataset?resource=download>

This dataset has the following schema

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **category** | **headline** | **authors** | **link** | **short\_description** | **date** |
|  |  |  |  |  |  |

The category dataset has many categories such as:

* **POLITICS**: 35602
* **WELLNESS**: 17945
* **ENTERTAINMENT**: 17362
* **TRAVEL**: 9900
* **STYLE & BEAUTY**: 9814
* **PARENTING**: 8791
* **HEALTHY LIVING**: 6694
* **QUEER VOICES**: 6347
* **FOOD & DRINK**: 6340
* **BUSINESS**: 5992
* **COMEDY**: 5400
* **SPORTS**: 5077
* **BLACK VOICES**: 4583
* **HOME & LIVING**: 4320
* **PARENTS**: 3955

This data can be used to display the news articles separated by categories.

# Task Distribution

The Project is divided based on the MVC architecture

|  |  |
| --- | --- |
| Team member | Responsibility |
| Ayush Thakur | UI Design and Front-end functionalities |
| Manas Pandya | Middle-wear and API endpoints |
| Vivek Chalodiya | Database integration and data manipulation |

These are the features each team member is going to implement

|  |  |
| --- | --- |
| Team member | Responsibility |
| Ayush Thakur | 1. Publisher Login and Dashboard 2. Able to perform the addition, deletion, or updation of articles from Publisher |
| Manas Pandya | 1. Search articles by description or headline 2. Sort the articles by newest or the oldest |
| Vivek Chalodiya | 1. Interest based news feed selected by the user 2. Using pagination to optimize the web page for mobile users |

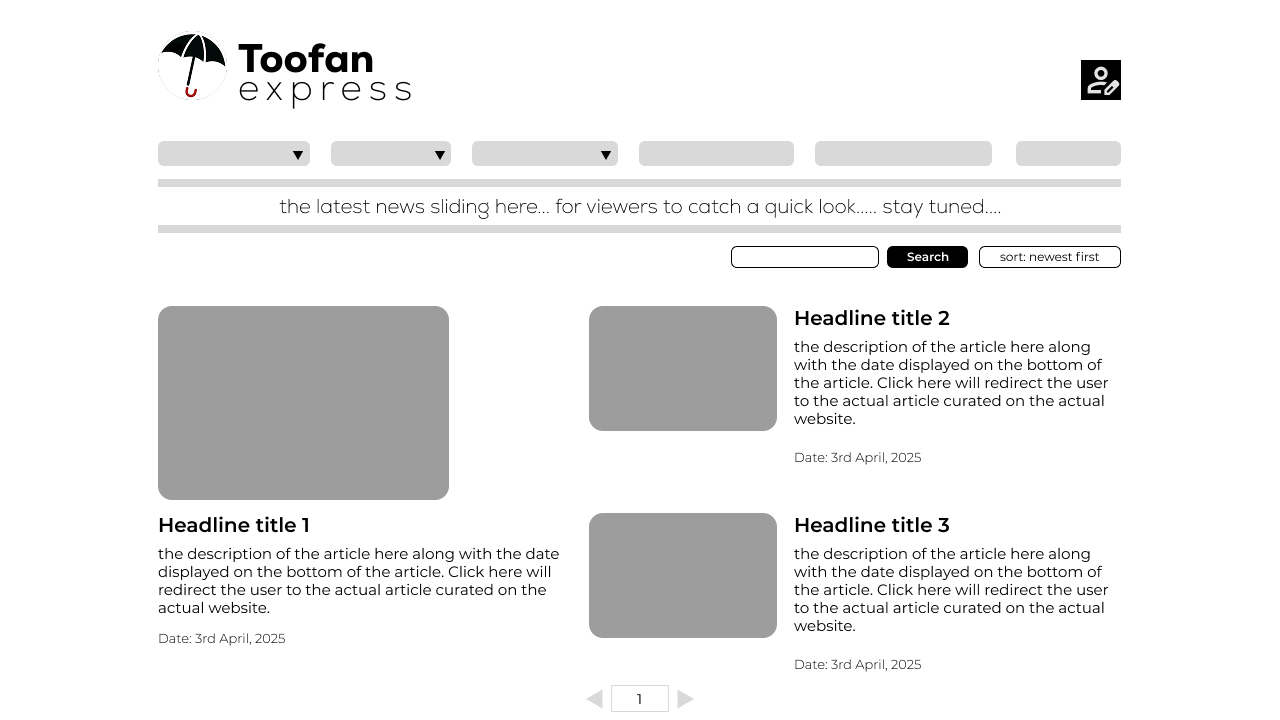
## Link to the GitHub repository

<https://github.com/ayush-thakur-exe/toofan-express>

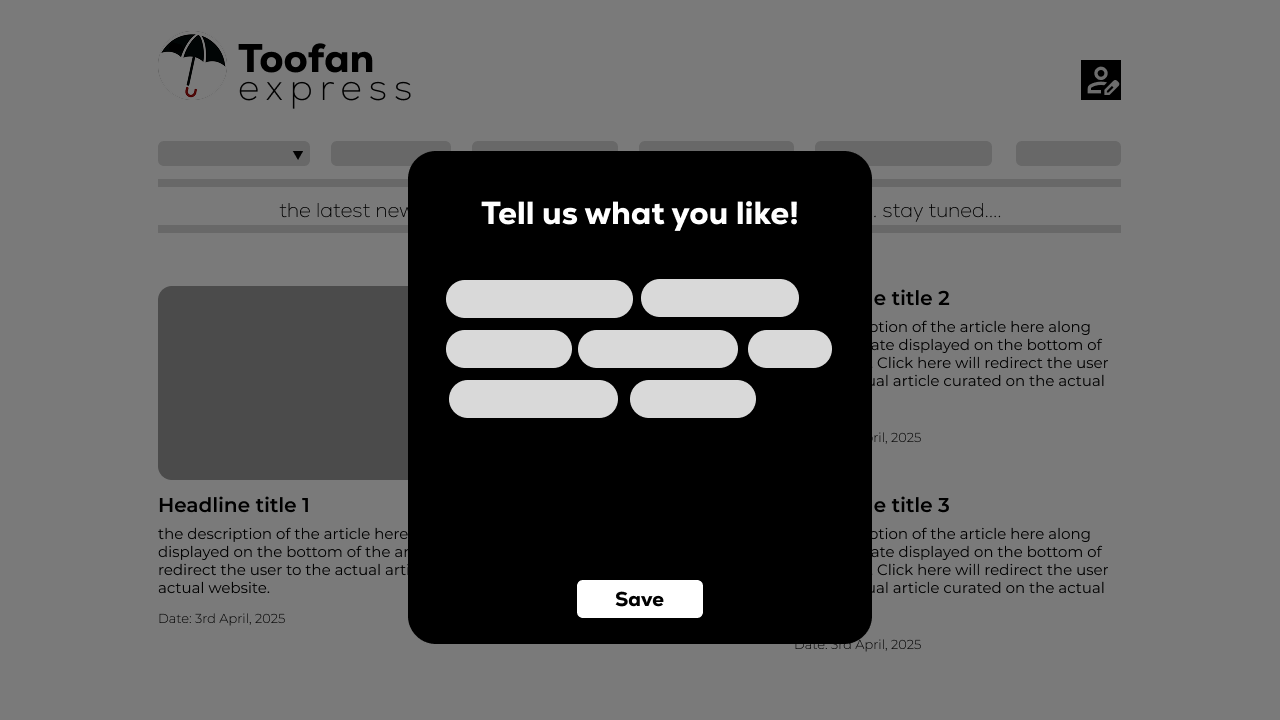
# Wireframes

*Created using Figma*

## Home page



## Customized User feed



## Article reading

