

## Project Final Report

### Course Information

**Course:** CSE 480 Web Database Programming (Sections 1)

**Instructor:** Abdus Satter, Adjunct Faculty, CSE Dept.

### Project Name

<b>Title of Project</b>	Online News Portal
<b>Student (ID &amp; Name)</b>	Moni Kishore Dhar (2016-2-60-099)

### Project Purpose

The purpose of the online news portal is to give the public the opportunity to read and search up-to-date news, as well as to give authenticated users the opportunity to comment on specific news.

### Project Goals and Objectives

The goals and objectives of the Online News Portal are as follows:

1. To provide immediate storage and retrieval of data and information to get all kinds of instant and important news for all viewers.
2. To provide a free text search function facility for all news seeker.
3. To provide a secure account management function for admin and viewers.
4. To allow authenticated viewers to comment on specific news.
5. To provide an efficient news management functions to the admin panel to publish news as well as delete and update news.

### Project Description

The system that is going to be developed is Online News Portal System. This is a database application system that is to be used by the public to read and search news in anytime and anywhere. The system keeps the record of all the admin, authenticated viewer. This system also has the ability to keep track of the news as well as comment record. This project intends to computerize online news portal system in order to provide the instant and important news and also to provide searching facility due to the grown size of records of news. As well as this project have the intention to publish all kinds of important and breaking news in order to expose the truth to everyone due to the grown size of fake and biased newspaper.

## Scope

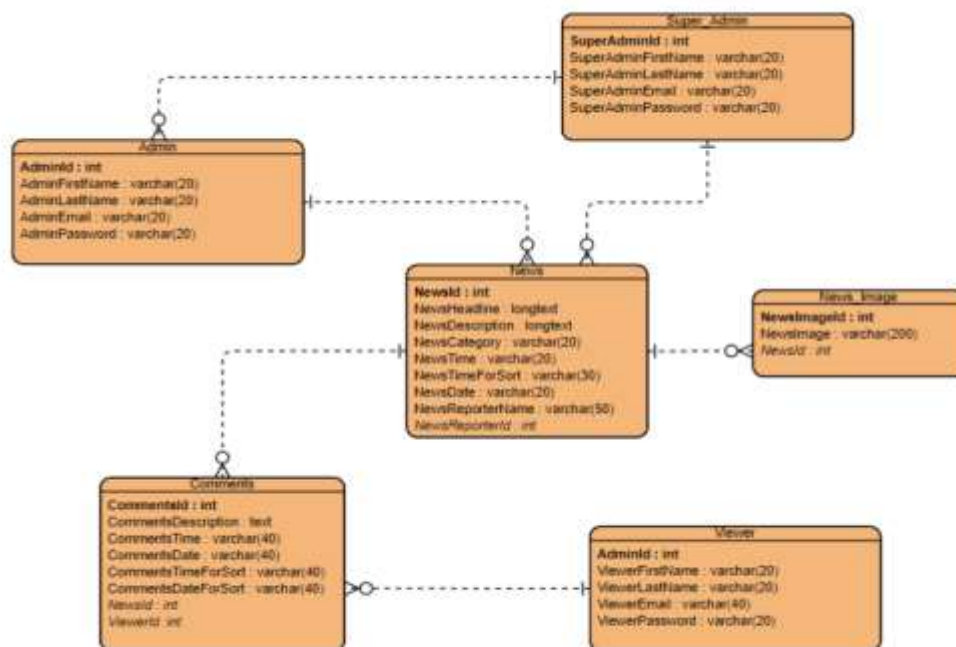
As a whole the system is focused to work with online news portal system and on additional modification it can be also used as publication systems of similar organizations.

## System Users

- **Administrator:** Has full privilege on the system's functions including admin panel maintenance.
- **Admin Panel:** Has full privilege on the news and comments functions.
- **Authenticated Viewers:** Has privilege in own comments function.

## Database

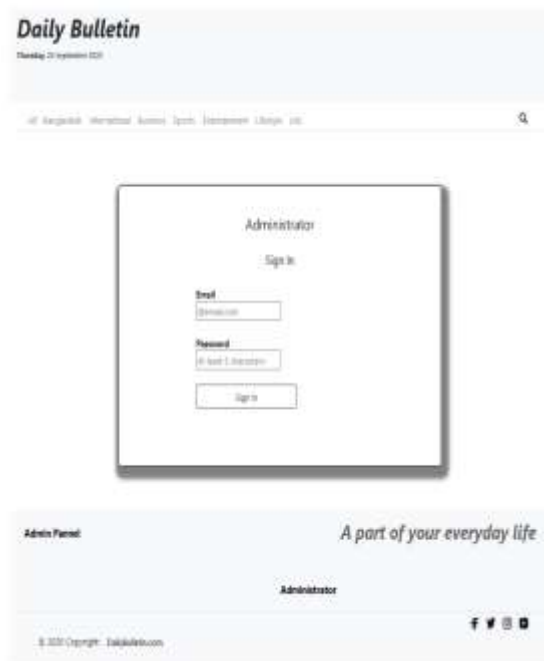
A complete ER Diagram for the system:



## Processes

- **Login:** The system provides security features through username-password matching where only authorized user can access the system with different authorization level. This system has three authorization level. Administrator, Admin Panel and Viewer.

Log In page of Administrator:



The image shows the login interface for the Administrator role. At the top, the header reads "Daily Bulletin" with the date "Thursday, 21 September 2020". Below the header is a navigation bar with links: "All", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita". The main content area is titled "Administrator" and "Sign In". It contains two input fields: "Email" with the placeholder "admin@dailybulletin.com" and "Password" with the placeholder "admin123456789". Below the password field is a "Sign In" button. At the bottom, the footer reads "Admin Panel" and "A part of your everyday life". The footer also includes the text "© 2020 Copyright: dailybulletin.com" and social media icons for Facebook, Twitter, and Instagram.

Log In page of Admin Panel:



The image shows the login interface for the Admin Panel role. At the top, the header reads "Daily Bulletin" with the date "Thursday, 21 September 2020". Below the header is a navigation bar with links: "All", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita". The main content area is titled "Admin Panel" and "Sign In". It contains two input fields: "Email" with the placeholder "admin@dailybulletin.com" and "Password" with the placeholder "admin123456789". Below the password field is a "Sign In" button. At the bottom, the footer reads "Admin Panel" and "A part of your everyday life". The footer also includes the text "© 2020 Copyright: dailybulletin.com" and social media icons for Facebook, Twitter, and Instagram.

Log In page of Viewers:



The image shows the login interface for the Viewer role. At the top, the header reads "Daily Bulletin" with the date "Thursday, 21 September 2020". Below the header is a navigation bar with links: "All", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita", "Berita". The main content area is titled "Sign In". It contains two input fields: "Email" with the placeholder "admin@dailybulletin.com" and "Password" with the placeholder "admin123456789". Below the password field is a "Sign In" button. At the bottom, the footer reads "Admin Panel" and "A part of your everyday life". The footer also includes the text "© 2020 Copyright: dailybulletin.com" and social media icons for Facebook, Twitter, and Instagram.

- **Viewer Profile Registration:** This system allows to register as viewer to read as well as comment on news.

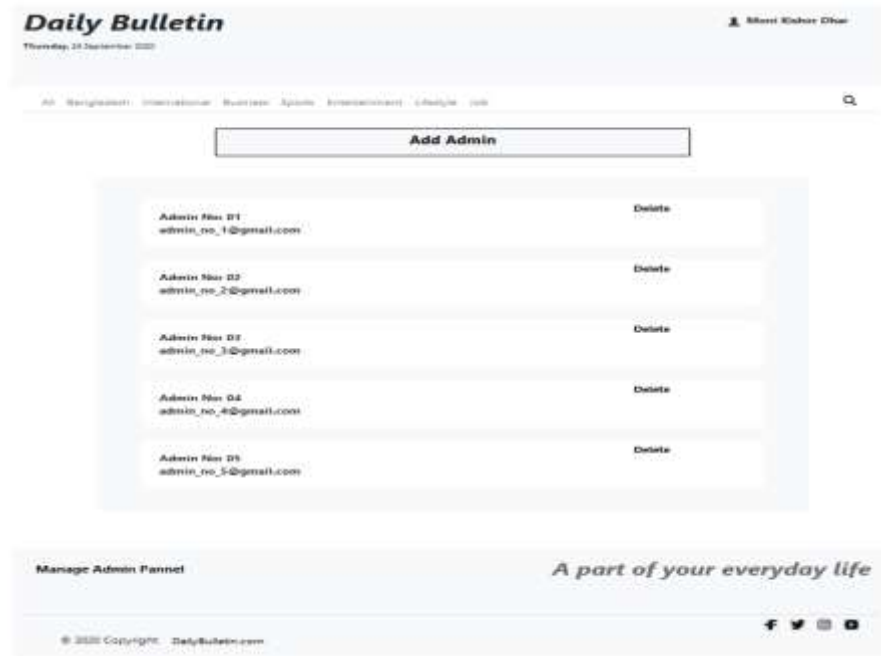
### Viewer Registration Page:

### Viewer Comment Box:

-

- **Admin Panel Management:** The records of all admin panel and viewers are kept in one centralized database. The record of admin panel is maintained by the administrator through this system.

#### Admin Panel Management Box:



- **Search:** All users can search with any key value for the news through this system. Also users can search with news category, reporter name, date, time etc.

### Search Result Box:

**Daily Bulletin**  
 Thursday, 14 September 2020

Home | Bangladesh | International | Business | Sports | Entertainment | Health | Job

**Search: job**



**District Judges Office Job Circular 2020**  
 District Judges Office Job Circular 2020 has been issued in the website of the District Judges Office under the provision.



**Save The Children (NGO) Job Circular 2020**  
 Save the Children (NGO) Job Circular 2020 has been published in the website of the organization to get the job done.



**Bangladesh Open University (BOU) Job Circular 2020**  
 Bangladesh Open University (BOU) Job Circular 2020 has been published in the website of the organization to get the job done.



**Electro Mart Ltd Job Circular 2020**  
 Electro Mart Ltd Job Circular 2020 has been published in the website of the organization to get the job done.



**To 2020 to be spent on this development, project cleared at Sones meeting**  
 The project to be spent on this development, project cleared at Sones meeting.

Manage Admin Panel

*A part of your everyday life*

© 2020 Copyright - Bangladesh.com

f t y

- **Single Page News View Module:** Users can view a specific news in a single page through this system.

Single page news view module:



## Technology

**Frontend Language: PHP**

**Backend Language: MySql Database**