

ROUTES FOLDER :

1) author.js

```
const express = require('express');
const router = express.Router();
const authorEmail = "author@onlyblog.com"; // hard coded 'author' email
instead of making roles as there is only 1 author.

// Middleware to check if the user is an author
function checkAuthorAccess(req, res, next) {
  if (req.session.user && req.session.user.role === 'author') {
    next();
  } else {
    res.redirect('/login');
  }
}

// Render Author Home Page
router.get('/', checkAuthorAccess, (req, res) => {
  let articleQuery = 'SELECT * FROM Articles ORDER BY title';
  let blogQuery = `
    SELECT Blog.Title AS blogTitle, Blog.Subtitle AS blogSubtitle,
    Blog.author AS authorName
    FROM Blog
    WHERE Blog.id = 1
  `;

  db.all(articleQuery, [], (err, articles) => {
    if (err) {
      console.error(err);
      return res.status(500).send('Internal Server Error');
    }

    const publishedArticles = articles.filter(article =>
article.isPublished);
    const draftArticles = articles.filter(article =>
!article.isPublished);

    db.get(blogQuery, [], (err, blog) => {
      if (err) {
        console.error(err);
        return res.status(500).send('Internal Server Error');
      }

      if (!blog){
        blog = ['', '', ''];
      }
    })
  })
});
```

```

        // Render the page with article and blog information
        res.render('authorhome', {
            blog: blog,
            articles: articles,
            publishedArticles: publishedArticles,
            draftArticles: draftArticles
        });
    });
});

// Author's Settings Page
router.get('/setting', checkAuthorAccess, (req, res) => {
    const query = `
        SELECT Blog.Title AS blogTitle, Blog.Subtitle AS blogSubtitle,
        Blog.author AS authorName
        FROM Blog
        WHERE Blog.id = 1
    `;

    db.get(query, (err, row) => {
        if (err) {
            console.error(err);
            return res.status(500).send('Internal Server Error');
        }

        // To check if the blog exists, if not to return empty placeholders
        if (!row) {
            row = ['', ''];
        }

        const { blogTitle, blogSubtitle } = row;
        res.render('authorsetting', { blogTitle, blogSubtitle });
    });
});

router.post('/setting/update', checkAuthorAccess, (req, res) => {
    const { blogTitle, blogSubtitle } = req.body;
    const authorName = req.session.user.name;
    let query = `
        UPDATE Blog
        SET Title = ?, Subtitle = ?, author = ?
        WHERE id = 1
    `;

    db.run(query, [blogTitle, blogSubtitle, authorName], function(err) {
        if (err) {
            console.error(err);
        }
    });
});

```

```

        return res.status(500).send('Internal Server Error');
    }

    if (this.changes === 0) {
        query = `
            INSERT INTO Blog (id, Title, Subtitle, author)
            VALUES (?, ?, ?, ?)
        `;

        db.run(query, [1, blogTitle, blogSubtitle, authorName],
function(err) {
            if (err) {
                console.error(err);
                return res.status(500).send('Internal Server Error');
            }

            res.redirect('/author');
        });
    } else {
        res.redirect('/author');
    }
});
});

// Author's Article
router.get('/article/:articleId?', checkAuthorAccess, (req, res) => {
    const articleId = req.params.articleId;
    const loggedInAuthorName = req.session.user.name;

    if (articleId) {
        db.get('SELECT * FROM Articles WHERE id = ? AND author = ?',
[articleId, loggedInAuthorName], (err, row) => {
            if (err) {
                console.error(err);
                return res.status(500).send('Internal Server Error');
            }

            if (!row) {
                return res.status(404).send('Article not found');
            }

            res.render('authorarticle', {
                articleId: row.id,
                articleTitle: row.title,
                articleSubtitle: row.subtitle,
                articleText: row.content,
                articleAuthor: row.author,
                articleCreation: row.createdAt
            });
        });
    }
});

```

```

    });
  });
} else {
  res.render('authorarticle', {
    articleId: null,
    articleTitle: '',
    articleSubtitle: '',
    articleText: '',
    articleAuthor: loggedInAuthorName,
    articleCreation: new Date(),
  });
}
});

// Handle AJAX request for deleting an article
router.post('/delete', checkAuthorAccess, async (req, res) => {
  const articleId = req.body.articleId;

  try {
    // Delete the article from the database
    await db.run('DELETE FROM Articles WHERE id = ?', [articleId]);
    res.json({ success: true });
  } catch (error) {
    console.error(error.message);
    res.json({ success: false, message: 'Error deleting article' });
  }
});

// Handle AJAX request for updating or creating an article
router.post('/article/:action/:id?', checkAuthorAccess, async (req, res) => {
  const action = req.params.action;
  const articleId = req.params.id;
  const authorName = req.session.user.name;

  // Handle article update and creation logic
  try {
    if (action === 'update') {
      // Update existing article
      const updateSql = `
        UPDATE Articles
        SET title = ?, content = ?, lastModified = ?
        WHERE id = ? AND author = ?
      `;
      await db.run(updateSql, [req.body.articleTitle,
        req.body.articleText, new Date(), articleId, authorName]);
    } else if (action === 'create') {
      // Create a new article
      const insertSql = `

```

```

        INSERT INTO Articles (title, content, author, createdAt,
lastModified, isPublished, likes, publicationDate)
        VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?)
    `;
    const data = [
        req.body.articleTitle,
        req.body.articleText,
        authorName,
        new Date(),
        new Date(),
        0,
        0,
        null
    ];
    await db.run(insertSql, data);
}

res.redirect('/author');
} catch (error) {
    console.error(error.message);
    res.status(500).send('Internal Server Error');
}

// New route for creating a new draft article
router.get('/article/new', (req, res) => {
    res.render('author/article-edit', {
        title: 'Create New Draft Article',
        article: new Article(),
    });
});

});

});

module.exports = router;

```

2) reader.js

```

const express = require('express');
const router = express.Router();
// check if the user is logged in
function checkUserAccess(req, res, next) {
    if (req.session.user != '') {
        next();
    }
}

```

```

    } else {
      res.redirect('/login');
    }
  }

// Reader Home Page
router.get('/', (req, res) => {
  let sql = 'SELECT * FROM Articles WHERE isPublished = 1 ORDER BY
publicationDate DESC';
  let articles = [];

  db.all(sql, [], (err, rows) => {
    if (err) {
      throw err;
    }
    articles = rows;

    res.render('readerhome', { articles: articles });
  });
});

// Reader Article
router.get('/article/:id', checkUserAccess, (req, res) => {
  const _articleId = req.params.id;
  const sqlArticle = 'SELECT * FROM Articles WHERE id = ?';
  const sqlComments = `SELECT Comments.*, userLoginInfo.user_name AS
username FROM Comments JOIN userLoginInfo ON Comments.UserId =
userLoginInfo.user_id WHERE ArticleId = ? ORDER BY createdAt DESC`;

  let _userId = null;
  if(req.session.user) {
    _userId = req.session.user.id;
  }

  const sqlLike = _userId ? `SELECT * FROM Likes WHERE ArticleId = ? AND
UserId = ?` : null;

  db.get(sqlArticle, [_articleId], (err, row) => {
    if (err) {
      return console.error(err.message);
    }

    if (row) {
      row.articleCreation = `This article was created on ${new
Date(row.createdAt).toLocaleDateString()}`;

      db.all(sqlComments, [_articleId], (err, comments) => {
        if (err) {

```

```

        console.log('error9');
        return console.error(err.message);
    }

    if(!_userId && sqlLike) {
        db.get(sqlLike, [_articleId, _userId], function(err, like)
{
            if (err) {
                console.log('error99');
                return console.error(err.message);
            }
            res.render('readerarticle', {
                article: row,
                comments,
                userHasLiked: like != null
            });
        });
    } else {
        res.render('readerarticle', {
            article: row,
            comments,
            userHasLiked: false
        });
    }
});
} else {
    res.redirect('/reader');
}
});
});

// Handle AJAX request for liking an article
router.post('/article/:id/like', async (req, res) => {
    const articleId = req.params.id;
    const userId = req.session.user.id;

    try {
        // Check if the user has already liked the article
        const likeCheckSql = 'SELECT * FROM Likes WHERE ArticleId = ? AND
UserId = ?';
        const likeCheckResult = await db.get(likeCheckSql, [articleId,
userId]);

        if (likeCheckResult) {
            // User has already liked the article, unlike it
            const unlikeSql = 'DELETE FROM Likes WHERE ArticleId = ? AND
UserId = ?';
            await db.run(unlikeSql, [articleId, userId]);

```

```

        res.json({ liked: false });
    } else {
        // User has not liked the article, like it
        const likeSql = 'INSERT INTO Likes (ArticleId, UserId) VALUES (?,
?));

        await db.run(likeSql, [articleId, userId]);
        res.json({ liked: true });
    }
} catch (error) {
    console.error(error.message);
    res.status(500).json({ error: 'Internal Server Error' });
}
});

// Handle AJAX request for adding a comment to an article
router.post('/article/:id/comment', async (req, res) => {
    const articleId = req.params.id;
    const userId = req.session.user.id;
    const comment = req.body.commentText;

    try {
        // Insert the new comment into the database
        const commentSql = `
            INSERT INTO Comments (comments, createdAt, lastModified,
ArticleId, UserId)
            VALUES (?, ?, ?, ?, ?)
        `;
        const now = new Date().toISOString();
        await db.run(commentSql, [comment, now, now, articleId, userId]);

        res.json({ success: true });
    } catch (error) {
        console.error(error.message);
        res.status(500).json({ error: 'Internal Server Error' });
    }
});

module.exports = router;

```

VIEWS FOLDER :

1) head.ejs

```

<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">

```



```

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="stylesheets/style.css">

<!-- BOOTSTRAP -->
<!-- Latest compiled and minified CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<!-- jQuery library -->
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></scrip
t>

<!-- Latest compiled JavaScript -->
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></sc
ript>

<!-- Add jQuery library -->
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

```

2) navbar.ejs

```

nav class="navbar navbar-expand navbar-light bg-light fixed-top">
  <div class="container">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle collapsed" data-
toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-
expanded="false">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>

      </button>
      <a class="navbar-brand" href="/"><span class="losh blog">Losh
Blog</span></a>
    </div>

    <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-
1">
      <ul class="nav navbar-nav">
        <% if (userEmail.toLowerCase() === "author@onlyblog.com") { %>

```

```

        <li><a href="/author">Author Home</a></li>
        <li><a href="/reader">Reader Home</a></li>
    <% } else { %>
        <li><a href="/reader">Reader Home</a></li>
    <% } %>
</ul>
<ul class="nav navbar-nav navbar-right">
    <% if (userEmail) { %>
        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-
toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false">
                <%= userName %> <span class="caret"></span>
            </a>
            <ul class="dropdown-menu">
                <li><a href="/logout">Logout</a></li>
            </ul>
        </li>
    <% } else { %>
        <li><a href="/login">Login</a></li>
    <% } %>
</ul>
</div>
</nav>

```

3) 404.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
    <%- include ('base/head'); %>
    <title>Login</title>
</head>
<body class="bg d-flex align-items-center justify-content-center text-center
text-white">
    <div>
        <h1 style="font-size: 200px;">404</h1>
        <h2 style="font-size: 100px;">Page Not Found</h2>
        <p class="lead" style="font-size: 50px;">Oops! The page you're looking
for does not exist.</p>
        <br>
        <a href="/" class="btn btn-primary">Go Back Home</a>
    </div>
    <div style="position: absolute; bottom: 0; right: 0;">
        <div style="padding: 15px;">
            <h3><span class="only">LoshBlog</span></h3>

```

```

    </div>

  </div>
</body>
</html>

```

4) index.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
  <%- include ('base/head'); %>
  <title>LoshBlog</title>
  <style>
    body {
      background-color: #f8f9fa;
    }
    .hero {
      background-color: #343a40;
      color: #ffffff;
    }
    #register, #login , #author-home, #readerhome ,#readerarticle
, #author-setting ,#author-article {
      margin-right: 10px;
    }
  </style>
</head>
<body>
  <%- include ('base/navibar'); %>
  <section class="hero text-light text-center py-5">
    <div class="container">
      <h1 class="display-4">Losh's Blog</h1>
      <p class="lead">Bloggging is a great way to show your talents and
interests to prospective employers, while adding an edge to your resume. If
you blog consistently, it shows your dedication, passions, and creativity, all
of which are key attributes employers look for in job candidates. ~Lauren
Conrad</p>
      <% if (!userEmail) { %>
        <div class="d-flex justify-content-center">
          <a id="register" class="btn btn-primary"
href="/register">Get Started</a>
          <a id="login" class="btn btn-primary"
href="/login">Login</a>
        </div>
        <a href="/guest/author" class="btn btn-primary">Guest Author
Page</a>
      <% } %>
    </div>
  </section>

```

```

        <% } %>
    </div>

</body>
</html>

```

5) login.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
    <%- include ('base/head'); %>
    <title>Login</title>
    <style>
        body {
            background-color: #f8f9fa;
        }
        .card {
            background-color: #ffffff;
        }
    </style>
</head>
    <%- include ('base/navibar'); %>
    <br><br><br><br><br><br><br>
    <div class="container mh-100 mt-6">
        <div class="row justify-content-center">
            <div class="col-md-6 col-md-offset-3">
                <div class="card">
                    <div class="card-body">
                        <h2 class="card-title text-center">Log In To Your Account</h2>
                        <form id="login-form" method="POST">
                            <div class="form-group">
                                <label for="email">Email address</label>
                                <input type="email" class="form-control" id="email"
name="email" required>
                            </div>
                            <div class="form-group">
                                <label for="password">Password</label>
                                <input type="password" class="form-control" id="password"
name="password" required>
                            </div>
                            <button type="submit" class="btn btn-primary btn-block">Log
In</button>
                        </form>
                    <br>
                </div>
            </div>
        </div>
    </div>

```

```

        <div class="card mt-3">
            <div class="card-body text-center">
                <p>Don't have an account? <a href="/register">Sign up</a></p>
            </div>
        </div>
    </div>
</div>
</div>

<script>
$(document).ready(() => {
    $('#login-form').submit((event) => {
        event.preventDefault();
        const email = $('#email').val();
        const password = $('#password').val();
        const formData = {
            email: email,
            password: password
        };
        $.ajax({
            type: 'POST',
            url: '/login',
            data: formData,
            dataType: 'json',
            success: (data) => {
                alert(data.message);
                window.location.href = '/';
            },
            error: (xhr, status, error) => {
                const responseText = xhr.responseText;
                try {
                    const errorResponse = JSON.parse(responseText);
                    alert(errorResponse.error);
                } catch (err) {
                    console.error('Error parsing JSON:', err);
                    alert('An error occurred while processing your request.');
```

6) register.ejs

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <%- include ('base/head'); %>
    <title>Registration</title>
    <style>
      body {
        background-color: #f8f9fa;
      }
      .card {
        background-color: #ffffff;
      }
    </style>
  </head>
  <body>
    <%- include ('base/navibar'); %>
    <br /><br /><br /><br /><br /><br /><br /><br />
    <div class="container mh-100 mt-6">
      <div class="row justify-content-center">
        <div class="col-md-6 col-md-offset-3">
          <div class="card">
            <div class="card-body">
              <h2 class="card-title text-center">Register an Account</h2>
              <form action="/register" method="POST" id="register-form">
                <div class="form-group">
                  <label for="name">Full name</label>
                  <input
                    type="text"
                    class="form-control"
                    id="name"
                    name="name"
                    required
                  />
                </div>
                <div class="form-group">
                  <label for="email">Email address</label>
                  <input
                    type="email"
                    class="form-control"
                    id="email"
                    name="email"
                    required
                  />
                </div>
                <div class="form-group">
                  <label for="confirmemail">Confirm Email address</label>
                  <input
```

```

        type="email"
        class="form-control"
        id="confirmemail"
        name="confirmemail"
        required
    />
</div>
<div class="form-group">
    <label for="password">Password</label>
    <input
        type="password"
        class="form-control"
        id="password"
        name="password"
        required
    />
</div>
<div class="form-group">
    <label for="confirmpassword">Retype Password</label>
    <input
        type="password"
        class="form-control"
        id="confirmpassword"
        name="confirmpassword"
        required
    />
</div>
<button type="submit" class="btn btn-primary btn-block">
    Register
</button>
</form>
</div>
</div>
<br />
<div class="card mt-3">
    <div class="card-body text-center">
        <p>Have an account? <a href="/login">Login</a></p>
    </div>
</div>
</div>
</div>
<script>
    $(document).ready(() => {
        $('#register-form').submit((event) => {
            event.preventDefault();
            const name = $('#name').val();
            const email = $('#email').val();

```

```

const confirmEmail = $('#confirmemail').val();
const password = $('#password').val();
const confirmPassword = $('#confirmpassword').val();
if (email !== confirmEmail) {
    alert('Email addresses do not match.');
```

```

    return;
}
if (password !== confirmPassword) {
    alert('Passwords do not match.');
```

```

    return;
}
const formData = {
    name: name,
    email: email,
    password: password
};
$.ajax({
    type: 'POST',
    url: '/register',
    data: formData,
    dataType: 'json',
    success: (data) => {
        alert(data.message);
        window.location.href = '/login';
    },
    error: (xhr, status, error) => {
        const responseText = xhr.responseText;
        try {
            const errorResponse = JSON.parse(responseText);
            alert(errorResponse.error);
        } catch (err) {
            console.error('Error parsing JSON:', err);
            alert('An error occurred while processing your request.');
```

```

        }
    }
});
});
});
</script>
</body>
</html>

```

7) readerhome.ejs

```

<!DOCTYPE html>
<html lang="en">

```



```

<head>
  <%- include('base/head') %>

  <title>LoshBlog</title>
  <style>
    body {
      background-color: #f8f9fa;
    }
    .hero {
      background-color: #343a40;
      color: #ffffff;
    }
    #register, #login , #author-home, #readerhome ,#readerarticle
, #author-setting ,#author-article {
      margin-right: 10px;
    }
    /* Additional styles for like and comment section */
    .like-comment-section {
      margin-top: 20px;
    }
    .btn-like, .btn-comment {
      margin-right: 10px;
    }
  </style>
</head>
<body>
  <%- include('base/navibar') %>

  <div class="container mt-4">
    <h1 class="mb-3" style="color: #007bff;">Welcome to Losh's Blog</h1>
    <h2 class="mb-3" style="color: #6c757d;">Latest Article</h2>

    <!-- Sample Article: The Joy of Reading -->
    <div class="row mb-4">
      <div class="col-md-12">
        <h3 class="mb-3" style="color: #6c757d;">The Joy of
Reading: Unlocking the World of Imagination</h3>
        <p>
          In a world filled with constant digital
          distractions, the simple act of reading a book remains a
          timeless and cherished activity. Beyond the
          pleasure of getting lost in a well-crafted story, reading
          offers a myriad of benefits that contribute to our
          overall well-being.

          One of the most significant advantages of reading
          is the expansion of one's imagination. When you open
          the pages of a book, you enter a world created by
          the author's words, a world where your mind is free

```

to visualize characters, places, and events. This imaginative exercise enhances creativity and fosters a deeper appreciation for the art of storytelling. Moreover, reading is a powerful tool for learning and acquiring new knowledge. Whether you're exploring non-fiction books or diving into fictional realms, each reading experience broadens your understanding of different subjects. From historical accounts to futuristic fantasies, books serve as windows to diverse perspectives and ideas. Beyond the cognitive benefits, reading also promotes relaxation and stress reduction. The act of immersing yourself in a captivating story provides an escape from the hustle and bustle of everyday life. It's a form of self-care that allows you to unwind, recharge, and find solace in the world of literature. As technology advances, e-books and audiobooks have become popular alternatives to traditional print. While the medium may change, the essence of reading remains constant. Whether you prefer the tactile feel of a physical book or the convenience of an e-reader, the magic of storytelling persists. In conclusion, let us embrace the joy of reading and recognize it as a source of inspiration, knowledge, and pure delight. Whether you're a seasoned bookworm or someone rediscovering the pleasure of reading, there's always a new adventure awaiting you between the pages of a book.

</p>

</div>

<!-- Like and Comment Section -->

<div class="like-comment-section">

<button class="btn btn-primary btn-like"

onclick="likeArticle(1)">Like</button>

0 likes

<!-- Comment Form -->

<form id="commentForm1" onsubmit="submitComment(1); return false;">

<div class="form-group">

<label for="commentText1">Comment:</label>

<input type="text" class="form-control" id="commentText1" required>

</div>

<button type="submit" class="btn btn-secondary btn-comment">Comment</button>

```
</form>

<!-- Display Comments -->
<div id="commentsSection1">
    <!-- Comments will be dynamically added here -->
</div>
<h3 class="mb-3" style="color: #6c757d;">The Profound
Impact of Reading on the Mind and Soul</h3>
<p>
    Delving into the realms of literature is more than
just a pastime; it's a transformative journey that
    enriches the mind and nourishes the soul. The act of
reading opens doors to worlds unexplored,
    characters unmet, and ideas undiscovered, making it a
uniquely rewarding endeavor.
    At its core, reading is a celebration of human
imagination. When engrossed in a well-crafted story,
    readers transcend the boundaries of reality, venturing
into landscapes shaped by vivid descriptions and
    nuanced narratives. This imaginative exercise not only
fuels creativity but also enhances cognitive
    functions, fostering a broader perspective on the
intricacies of life.
    Beyond the cognitive benefits, reading serves as a
beacon of knowledge. Whether you're engrossed in
    historical accounts, scientific discoveries, or
fictional epics, each book is a repository of wisdom,
    waiting to be unlocked. The pursuit of knowledge
through reading is a lifelong journey that empowers
    individuals to understand the world and their place
within it.
    One of the profound aspects of reading is its capacity
to evoke empathy and compassion. As readers
    immerse themselves in diverse narratives, they walk in
the shoes of characters from different
    backgrounds, cultures, and experiences. This
empathetic connection cultivated through literature
    transcends the pages, fostering a deeper understanding
of the human condition.
    Moreover, reading is a sanctuary for the soul. In the
hustle and bustle of modern life, the simple act
    of picking up a book provides a reprieve from the
chaos, inviting moments of tranquility and
    reflection. It's a form of self-care that rejuvenates
the spirit and offers solace in the written word.
    Whether you're savoring the scent of well-worn pages
or embracing the convenience of digital reading,
```

the magic of literature persists. As we navigate the complexities of our existence, let us celebrate the profound impact of reading—a timeless journey that unfolds with every page turned.

```
</p>
</div>

<!-- Like and Comment Section -->
<div class="like-comment-section">
  <button class="btn btn-primary btn-like"
onclick="likeArticle(1)">Like</button>
  <span id="likeCount1">0 likes</span>

  <!-- Comment Form -->
  <form id="commentForm1" onsubmit="submitComment(1); return
false;">

    <div class="form-group">
      <label for="commentText1">Comment:</label>
      <input type="text" class="form-control"
id="commentText1" required>
    </div>
    <button type="submit" class="btn btn-secondary btn-
comment">Comment</button>
  </form>

  <!-- Display Comments -->
  <div id="commentsSection1">
    <!-- Comments will be dynamically added here -->
  </div>
</div>
</div>
</div>

<!-- JavaScript for like and comment functionality -->
<script>
  // Define global variables for tracking likes and comments
  let likeCounts = {};
  let commentCounts = {};

  function likeArticle(articleId) {
    if (!likeCounts[articleId]) {
      likeCounts[articleId] = 0;
    }
    likeCounts[articleId]++;
    document.getElementById(`likeCount${articleId}`).innerText =
      likeCounts[articleId] + (likeCounts[articleId] === 1 ? ' like'
: ' likes');
  }
}
```

```

        function submitComment(articleId) {
            const commentText =
document.getElementById(`commentText${articleId}`).value;
            if (!commentCounts[articleId]) {
                commentCounts[articleId] = 0;
            }
            commentCounts[articleId]++;
            const commentsSection =
document.getElementById(`commentsSection${articleId}`);
            const commentDiv = document.createElement('div');
            commentDiv.innerHTML = `

<strong>User:</strong>
${commentText}</p>`;
            commentsSection.appendChild(commentDiv);
            document.getElementById(`commentForm${articleId}`).reset();
        }
    </script>
</body>
</html>


```

8) readerarticle.ejs

```

<!DOCTYPE html>
<html lang="en">
<head>
    <%- include('base/head') %>
    <title>Reader Article</title>
    <style>
        /* Add your custom styles for aesthetic improvements */
        body {
            background-color: #f8f9fa;
            font-family: 'Arial', sans-serif;
        }
        .container {
            background-color: #ffffff;
            border-radius: 10px;
            padding: 20px;
            margin-top: 20px;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        }
        .btn-secondary, .btn-primary {
            margin-right: 10px;
            font-weight: bold;
            text-transform: uppercase;
        }
        .like-comment-section {
            margin-top: 20px;
        }
    </style>

```

```

    }
    .btn-like, .btn-comment {
        margin-right: 10px;
    }
</style>
</head>
<body>
    <%- include('base/navibar') %>

    <div class="container mt-4">
        <a href="/reader" class="btn btn-secondary">&lt; Back to Reader
Home</a>
        <div class="row">
            <h1 class="my-4" style="color: #007bff;">Reader Article</h1>
            <p style="color: #6c757d;"><%= articleCreation %></p>
        </div>
    </div>

    <div class="container mt-4">
        <!-- Display article details here -->
        <h2><%= articleTitle %></h2>
        <p><strong>Author:</strong> <%= articleAuthor %></p>
        <p><strong>Published Date:</strong> <%= articlePublicationDate %></p>
        <p><%= articleText %></p>

        <!-- Like and Comment Section -->
        <div class="like-comment-section">
            <button class="btn btn-primary btn-like"
onclick="likeArticle()">Like</button>
            <span id="likeCount">0 likes</span>

            <!-- Comment Form -->
            <form id="commentForm" onsubmit="submitComment(); return false;">
                <div class="form-group">
                    <label for="commentText">Comment:</label>
                    <input type="text" class="form-control" id="commentText"
required>
                </div>
                <button type="submit" class="btn btn-secondary btn-
comment">Comment</button>
            </form>

            <!-- Display Comments -->
            <div id="commentsSection">
                <!-- Comments will be dynamically added here -->
            </div>
        </div>
    </div>
</div>

```

```

<!-- JavaScript for like and comment functionality -->
<script>
    let likeCount = 0;

    function likeArticle() {
        likeCount++;
        document.getElementById('likeCount').innerText = likeCount +
        (likeCount === 1 ? ' like' : ' likes');
    }

    function submitComment() {
        const commentText = document.getElementById('commentText').value;
        const commentsSection =
document.getElementById('commentsSection');
        const commentDiv = document.createElement('div');
        commentDiv.innerHTML = `<p><strong>User:</strong>
${commentText}</p>`;
        commentsSection.appendChild(commentDiv);
        document.getElementById('commentForm').reset();
    }
</script>
</body>
</html>

```

9) author-home.ejs

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <%- include ('base/head'); %>
    <title>Author Home</title>
    <style>
      body {
        background-color: #f8f9fa;
      }
      .card {
        background-color: #ffffff;
      }
    </style>
  </head>
  <%- include ('base/navibar'); %>
  <div class="container mt-4">
    <div class="row align-items-center" style="display: flex;">
      <div class="col-md-8">
        <h2 class="mb-3" style="color: #007bff;"><%= blog.blogSubtitle
%></h2>

```

```

        <p><strong style="color: #111111;">Author:</strong> <%=
blog.authorName %></p>
    </div>
    <div class="col-md-4 container" style="display: flex; align-items:
center; justify-content: center;">
        <a href="/author/setting" class="btn btn-secondary mb-
2">Settings</a>
        <span style="padding: 10px;"></span>
        <a href="/author/article" class="btn btn-primary">Create
Article</a>
    </div>
</div>
<!-- Sample Published Article -->
<div class="col-md-12 mb-4">
    <h3 class="mb-3" style="color: #6c757d;">Published Article:
"Embracing the Unknown"</h3>
    <p>
        In the vast tapestry of life, there exists an undeniable
allure in embracing the unknown. It's a journey
        into uncharted territories, a dance with uncertainty that
beckons us to explore the undiscovered facets
        of ourselves and the world around us. Embracing the unknown is
not just an act of courage; it's a profound
        declaration that growth and transformation reside in the
willingness to step beyond the familiar.

        The unknown is a canvas waiting to be painted with the
brushstrokes of our experiences. It challenges us
        to question, to learn, and to adapt. Whether it's embarking on
a new career, forming connections with
        strangers, or venturing into unexplored realms of knowledge,
each step into the unknown adds a layer to
        the masterpiece of our lives. It's in these moments of
uncertainty that we discover our resilience,
        creativity, and the limitless possibilities that unfold when
we open ourselves to the mysteries of existence.

        Embracing the unknown is not about eliminating fear but
acknowledging its presence and choosing to move
        forward anyway. It's a celebration of the human spirit's
capacity for curiosity and the pursuit of
        discovery. So, let us embrace the unknown with open hearts,
for it is in the embrace of uncertainty that
        we find the true essence of living.
    </p>
    <p><strong>Date Published:</strong> January 5, 2024</p>
</div>

```



```
<!-- Sample Draft Article -->
<div class="col-md-12">
  <h3 class="mb-3" style="color: #6c757d;">Draft Article: "Whispers
of the Heart"</h3>
  In the quiet moments between heartbeats, there exists a symphony
of whispers that resonate with
  the very essence of our being. "Whispers of the Heart" is an
exploration of these gentle echoes,
  inviting us to listen to the subtle melodies that guide us on our
personal journeys. It's a
  reminder that amidst the chaos of everyday life, the heart speaks
in a language of intuition and
  emotion.
  The whispers of the heart carry the wisdom of our deepest desires,
dreams, and fears. They are
  the compass that directs us toward authenticity and self-
discovery. As we navigate the complexities
  of existence, tuning into these whispers becomes a transformative
practice, allowing us to align
  our actions with the true desires of our souls.
  "Whispers of the Heart" is an ode to the beauty of introspection,
an embrace of vulnerability, and
  a celebration of the quiet moments that connect us to the core of
our humanity. May we embark on
  this inner journey, honoring the whispers that guide us toward a
life of purpose, passion, and
  profound connection.
  <p><strong>Last Modified:</strong> January 14, 2024</p>
</div>
</div>

<!-- Randomly generated article about current popular reads -->
<div class="container mt-4">
  <!-- Current Popular Reads Section -->
  <h2 class="mb-3" style="color: #6c757d;">Current Popular Reads</h2>

  <!-- Author 1 -->
  <div class="mb-4">
    <h3 style="color: #007bff;">Author: Emily White</h3>
    <h4>Book: "Realm of Magic"</h4>
    <p>
      Enter a world of enchantment and magic in Emily White's "Realm of
Magic." The novel follows the
      journey of a young sorcerer, exploring a mystical realm filled
with mythical creatures, ancient
      spells, and a quest to restore the balance between light and
darkness. White's vivid storytelling
```

and imaginative world-building create an immersive experience for fantasy enthusiasts.

</p>

</div>

<!-- Author 2 -->

<div class="mb-4">

<h3 style="color: #007bff;">Author: Sarah Brown</h3>

<h4>Book: "Galactic Odyssey"</h4>

<p>

Join Sarah Brown on a thrilling space exploration in "Galactic Odyssey." The novel takes readers

on an epic journey through the cosmos, introducing alien civilizations, cosmic mysteries, and

interstellar conflicts. Brown's narrative blends science fiction with elements of adventure and

discovery, making "Galactic Odyssey" a captivating read for those fascinated by the vastness of space.

</p>

</div>

<!-- Author 3 -->

<div class="mb-4">

<h3 style="color: #007bff;">Author: Mark Johnson</h3>

<h4>Book: "Shadows of Deceit"</h4>

<p>

Mark Johnson weaves a gripping tale of intrigue and suspense in "Shadows of Deceit." The novel

follows a detective as they navigate a web of secrets, uncovering hidden conspiracies and unexpected

alliances. Johnson's skillful storytelling and unpredictable plot twists keep readers on the edge of

their seats until the final revelation.

</p>

</div>

<!-- Author 4 -->

<div class="mb-4">

<h3 style="color: #007bff;">Author: Jane Smith</h3>

<h4>Book: "The Silent Conspiracy"</h4>

<p>

Jane Smith invites you into the world of mystery with "The Silent Conspiracy." The novel explores

a high-stakes conspiracy involving powerful figures and a protagonist determined to uncover the truth.

Smith's narrative is filled with suspense, intricate plotting, and a sense of urgency that makes

"The Silent Conspiracy" a page-turner for mystery enthusiasts.

```
</p>
</div>

<!-- Author 5 -->
<div class="mb-4">
  <h3 style="color: #007bff;">Author: Alex Turner</h3>
  <h4>Book: "Eternal Quest"</h4>
  <p>
    Embark on an eternal quest with Alex Turner's epic fantasy novel.
    "Eternal Quest" transports readers
      to a realm of magic, mythical creatures, and heroic quests.
    Turner's storytelling combines elements
      of adventure, camaraderie, and the enduring spirit of fantasy,
    creating a captivating reading experience.
  </p>
</div>

<!-- Author 6 -->
<div class="mb-4">
  <h3 style="color: #007bff;">Author: Dan Brown</h3>
  <h4>Book: "The Da Vinci Code"</h4>
  <p>
    Explore the mystery and intrigue of "The Da Vinci Code" by
    bestselling author Dan Brown. The novel
      follows symbologist Robert Langdon as he unravels ancient secrets
    and hidden codes, embarking on a
      quest that takes him across Europe. Brown's intricate plotting and
    historical references make "The
      Da Vinci Code" a gripping thriller that combines art, history, and
    mystery.
  </p>
</div>

<!-- Author 7 -->
<div>
  <h3 style="color: #007bff;">Author: J.K. Rowling</h3>
  <h4>Book: "Harry Potter and the Sorcerer's Stone"</h4>
  <p>
    Immerse yourself in the magical world of Hogwarts with J.K.
    Rowling's "Harry Potter and the Sorcerer's Stone."
      The novel introduces young wizard Harry Potter and his journey
    into the wizarding world. Rowling's rich
      imagination, well-developed characters, and themes of friendship
    and bravery have made the Harry Potter
      series a beloved classic for readers of all ages.
  </p>
</div>
</div>
```

```

</div>

<!-- Include AJAX script for article actions -->

<script src="https://code.jquery.com/jquery-3.6.4.min.js"></script>
<script>
    $(document).ready(function () {
        // Handle delete article
        $('.delete-article').on('click', function () {
            const articleId = $(this).data('article-id');
            $.ajax({
                url: '/author/article/delete/' + articleId,
                method: 'POST',
                success: function (response) {
                    if (response.success) {
                        location.reload();
                    } else {
                        alert(response.message || 'Error deleting article');
                    }
                },
                error: function () {
                    alert('Error deleting article');
                }
            });
        });
    });

    // Guest access to author page
    router.get("/guest/author", (req, res) => {
        // Replace the example data with your actual data
        const blog = {
            blogTitle: "Guest Author's Blog",
            blogSubtitle: "Welcome to the Guest Author's Blog",
            authorName: "Guest Author",
        };
        const publishedArticles = []; // Add your actual published articles here
        const draftArticles = []; // Add your actual draft articles here

        res.render("authorhome", { blog, publishedArticles, draftArticles });
    });

    // Use the router for the /guest/author route
    app.use("/guest", router);

    // Handle publish article
    $('.publish-article').on('click', function () {
        const articleId = $(this).data('article-id');
        $.ajax({

```

```

        url: '/author/article/publish/' + articleId,
        method: 'POST',
        success: function (response) {
            if (response.success) {
                location.reload();
            } else {
                alert(response.message || 'Error publishing article');
            }
        },
        error: function () {
            alert('Error publishing article');
        }
    });
});
});
</script>
</body>
</html>

```

10) author-setting.ejs

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <%- include ('base/head'); %>
    <title>Author Setting</title>
    <style>
      body {
        background-color: #f8f9fa;
      }
      .card {
        background-color: #ffffff;
      }
    </style>
  </head>
  <%- include ('base/navibar'); %>
  <div class="container mt-4">
    <a href="/author" class="btn btn-secondary" style="margin-bottom: 20px;">&lt; Back to Author Home</a>
    <h1 class="my-4" style="color: #007bff;">Author Settings</h1>
  </div>

  <div class="container thinner-container">
    <form action="/author/setting/update" method="POST">

```

```

        <div class="form-group">
            <label for="blogTitle">Blog Title:</label>
            <input type="text" class="form-control" id="blogTitle"
name="blogTitle" value="<%= blogTitle %>" required>
        </div>
        <div class="form-group">
            <label for="blogSubtitle">Blog Subtitle:</label>
            <input type="text" class="form-control" id="blogSubtitle"
name="blogSubtitle" value="<%= blogSubtitle %>" required>
        </div>
        <button type="submit" class="btn btn-primary">Save Settings</button>
    </form>

    <!-- Add the following code to display a form for blog settings -->
    <h2>Settings</h2>
    <form action="/author/setting/update" method="post">
        <div class="form-group">
            <label for="blogTitle">Blog Title:</label>
            <input type="text" id="blogTitle" name="blogTitle" value="<%=
blogTitle %>" required>
        </div>
        <div class="form-group">
            <label for="authorName">Author Name:</label>
            <input type="text" id="authorName" name="authorName" value="<%=
authorName %>" required>
        </div>
        <div class="form-group">
            <button type="submit">Update Settings</button>
        </div>
    </form>
    <a href="/author">Back to Home Page</a>
</div>

</body>
</html>

```

11) author-article.ejs

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <%- include ('base/head'); %>
        <title>Author Article</title>
        <style>
            body {
                background-color: #f8f9fa;
            }
            .card {

```

```

        background-color: #ffffff;
    }
</style>
</head>
<%- include ('base/navibar'); %>

<div class="container mt-4">
<a href="/author" class="btn btn-secondary">&lt; Back to Author Home</a>
<div class="row">
    <h1 class="my-4" style="color: #007bff;">Author Article</h1>
    <p style="color: #6c757d;"><%= articleCreation %></p>
</div>
</div>

<div class="container mt-4">
    <form method="POST">
        <input type="hidden" id="articleId" name="articleId" value="<%=
articleId %>">
        <div class="form-group">
            <label for="articleTitle">Article Title:</label>
            <input type="text" class="form-control" id="articleTitle"
name="articleTitle" value="<%= articleTitle %>" required>
        </div>
        <div class="form-group">
            <label for="articleSubtitle">Article Subtitle:</label>
            <input type="text" class="form-control" id="articleSubtitle"
name="articleSubtitle" value="<%= articleSubtitle %>" required>
        </div>
        <div class="form-group">
            <label for="articleText">Article Text:</label>
            <textarea class="form-control" id="articleText" name="articleText"
rows="8" required><%= articleText %></textarea>
        </div>
        <div class="container row">
            <button type="submit" class="btn btn-secondary"
formaction="/author/publish">Publish</button>
            <button type="submit" class="btn btn-primary"
formaction="/author/saveasdraft">Save as Draft</button>
        </div>
    </form>

    <!-- Add the following code to display a form for editing an article -->
    <h2>Edit Article</h2>
    <form action="/author/article/<%= articleId ? `update/${articleId}` :
'create' %>" method="post">
        <div class="form-group">
            <label for="articleTitle">Article Title:</label>

```

```
        <input type="text" id="articleTitle" name="articleTitle"
value="<%= articleTitle %>" required>
    </div>
    <div class="form-group">
        <label for="articleText">Article Text:</label>
        <textarea id="articleText" name="articleText" rows="10"
required><%= articleText %></textarea>
    </div>
    <div class="form-group">
        <button type="submit">Submit Changes</button>
    </div>
</form>
<a href="/author">Back to Home Page</a>
</div>

</body>
</html>
```