**Just In Time – Online News Portal**  
*Project Presentation*

**1. Problem Definition**

* Traditional news lacks real-time updates and role-based management.
* Small platforms struggle with dynamic content control.
* Limited tools for user-generated content.

**2. Objective of the New System**

* Full control for Admins (posts, users, settings).
* Users manage their own posts.
* Public can view news.
* Easy-to-use CMS and secure role-based access.

**3. Core Components**

* Authentication System (Admin & User login)
* Post Management: CRUD operations
* Category/User/Web Settings (Admin only)
* Dynamic Frontend
* Database: MySQL

**4. Need of the New System**

* Eliminate outdated manual publishing
* Enable instant role-based publication
* Reduce admin dependency
* Improve flexibility and scalability

**5. Scope of the New System**

* Role-based content publishing
* Dynamic frontend displaying news
* Easy backend management
* Extendable features (comments, likes, galleries)
* Mobile-responsive design (optional)

**6. Project Profile**

* Project Title: Just In Time – Online News Portal
* Developer:
* Front-End: HTML5, CSS3, JavaScript, Bootstrap
* Back-End: PHP (Core)
* Database: MySQL
* Server: Apache (XAMPP)
* IDE: VS Code

**7. Advantages and Limitations**

**Advantages:**

* Role-based secured access
* Dynamic content control
* Easy to maintain and update
* Scalable for future modules

**Limitations:**

* No analytics or SEO
* No image compression or CDN
* Not multilingual

**8. Proposed Timeline Chart**

| **Phase** | **Duration** |
| --- | --- |
| Requirement Gathering | 1 week |
| Database Design | 1 week |
| UI Design | 1 week |
| Backend Development | 2–3 weeks |
| Role Implementation | 1 week |
| Testing & Debugging | 1 week |
| Deployment & Documentation | 1 week |

**9. Targeted Users**

* Admin: System Owner/Editor-in-Chief
* User: Journalist/Contributor
* Public: News Readers

**10. Requirement Determination**

**Functional Requirements**

* Admin/User Login
* Role-based Dashboard
* Post CRUD
* Category/User/Settings (Admin only)
* Public news display
* Optional password reset

**Non-functional Requirements**

* Hashed passwords
* Responsive UI
* Clean code
* Optimized performance

**11. Requirement Specification**

**User Roles:**

* Admin: Full access
* User: Manage own posts

**Modules:**

* Authentication
* Post Management
* Category Management
* User Management
* Web Settings
* News Display