# **Yammer User Manual**

### 1. Project Description

Developed a robust ASP.NET MVC application using clean architecture, featuring full CRUD functionality for posts. Users can efficiently create, edit, and manage posts. The application incorporates real-time communication via SignalR for seamless messaging and collaboration. It also provides secure user authentication and role-based authorization using ASP.NET Identity. Key features include:

#### **CRUD Operations:**

Complete post management with create, update, and delete functionalities.

#### **Real-time Communication:**

SignalR integration for instant updates and interactions.

#### **Authentication & Authorization:**

Secure login and role management with ASP.NET Identity.

### **Database Operations:**

Leveraged Dapper for efficient and fast database interactions.

### Web Security:

Implemented XSS protection to enhance security.

#### **Optimization:**

Improved performance using IMemoryCache and ResponseCache.

#### **Unit Testing:**

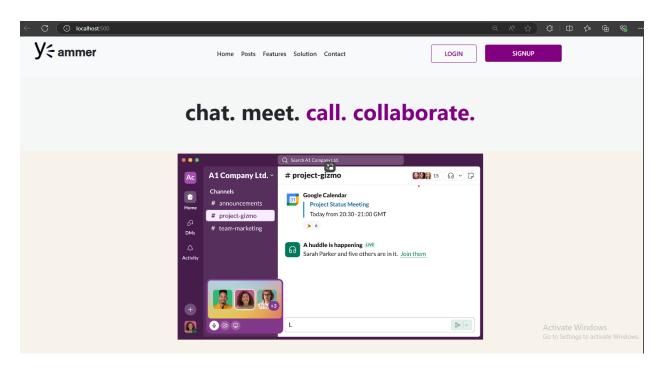
Ensured reliability through unit tests for CRUD and SignalR features.

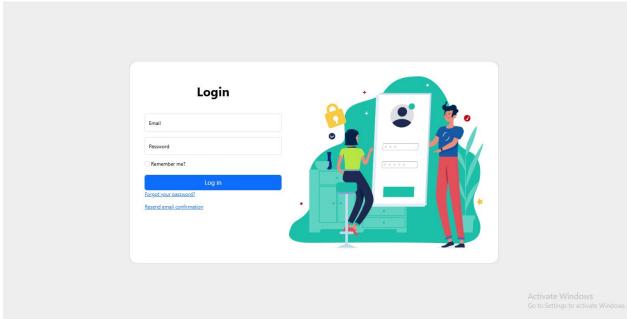
#### **Responsive UI:**

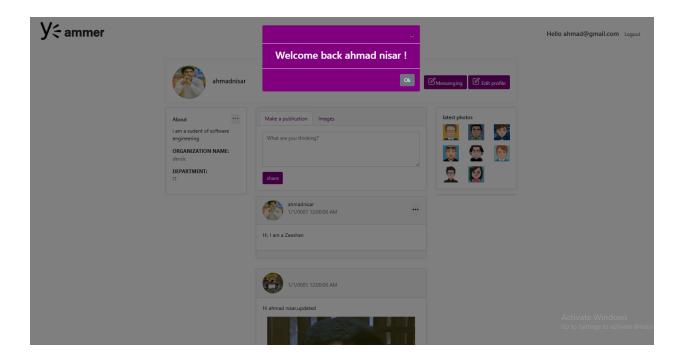
Designed with Bootstrap for an optimal experience across devices.

This project demonstrates expertise in building full-featured web applications with real-time communication, secure authentication, and optimized performance, while maintaining high code quality through unit testing.

## 2. Screenshots

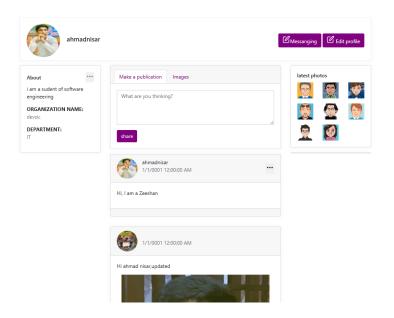




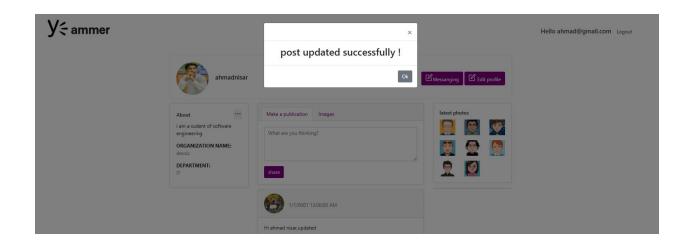


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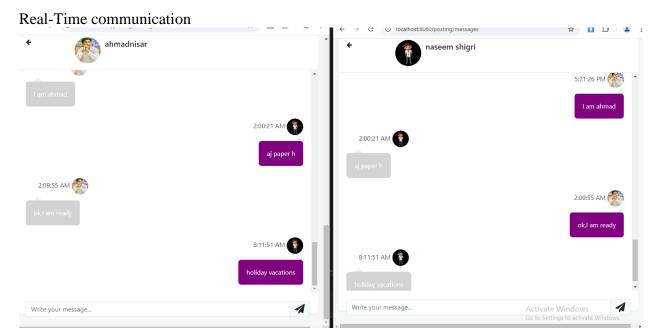
Hello ahmad@gmail.com Logout

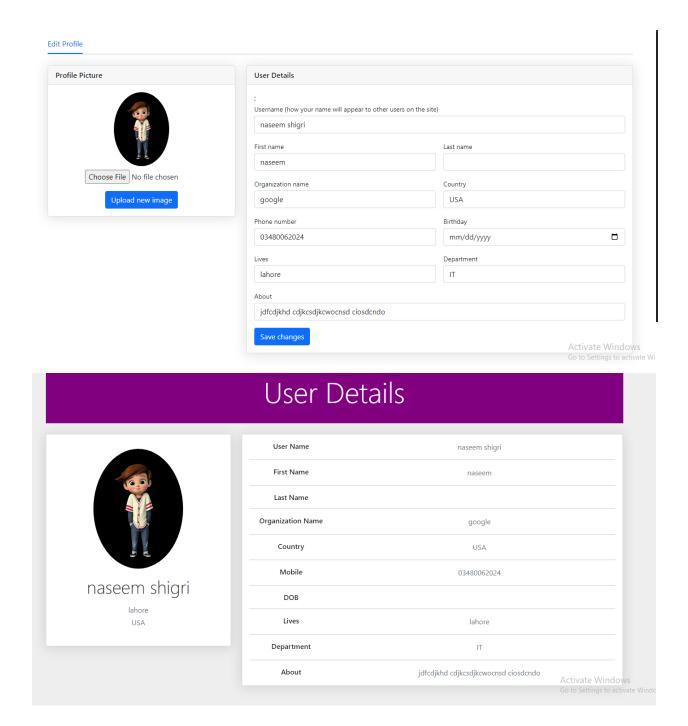


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# 3. GitHub Repository

You can find the source code for Yammer on GitHub at the following link:

GitHub Link