Industrial Training at ASCII SYSTEM

On Web Development Based On PHP Language

An Industrial Training Report

Submitted in partial fulfillment of the requirements for the degree of

Bachelor of Science in Computer Science and Engineering

Submitted By

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Submitted To

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OBJECTIVES

- To learn about industry trends
- To learn about how professionals, solve a real world problem
- To learn about tools and technology used by the software industry
- To learn how an industry actually works
- To know how to deal with a big project by the firm
- To know about how agile methodology is implemented in actual project
- To learn about industry coding standard

ABOUT THE COMPANY

ASCII SYS is among the pioneers in the CHITTAGONG, BANGLADESH to offer quality web services to medium and small sized businesses to compete in today's digital world. ASCII SYS possess the experience and expertise to help web entrepreneurs reach their customers across the digital space.

ASCII SYS PROFILE AT A GLANCE

Name of Company	ASCII SYS
Year Established	21-11-2008
Business Function	Website design and software development company
Founders & CEO	Sourav Baul
Corporate Office Address	House #100, Road #8, Marjan Bhavan (5th Floor)O.R Nizam Road,Chittagong-4000, Bangladesh
Members of	Bangladesh Association of Software & Information Services (www.basis.org.bd/index.php/members_area/member_detail/523
Total Employees	25 (Twenty five)
Departments	Software Development Team,Website Development Team
Contact info	Web: www.asciisys.com Phone: 031 2558177 Email : mailto:info@asciisys.com

TOOLS AND PREPARATIONS

- Laptop with PHP installed.
- XAMPP 5.0.1 or later version installed.
- Basic knowledge about object oriented programming (C++/Java)
- Basic knowledge about HTML,CSS,Bootstrap and JavaScript
- Laptop configuration :
  Dual/quad core processor with clock speed of 2.6+ GHz and 8GB RAM preferred
- Internet connectivity
- Pen-drive

DESCRIPTION

Description of web development with PHP:

In this training, we were introduced with modern web technology and taught about the real world scenario of a project. We get a chance to test our understanding in a project which we developed in the training period.

Week One:

1) Overview of web technology from an industry expert at ASCII System.
2) Getting acquainted with related tools and technology in the Web Development field.
3) Getting the idea of handling industrial projects, implementation process and related challenges.
4) Knowing how to collaborate with team members and draft a plan for the project that we are about to do.
5) We are asked to do a project on Blog Posting with login panel. Our project requirements were – a sign up form, google recaptcha to validate user, a home page with navigation panel, profile page, blog posting facility, newsfeed where recently updated post appears first.
6) In first week, we had completed the sign up page with the facility of google recaptcha and the home page with navigation panel.

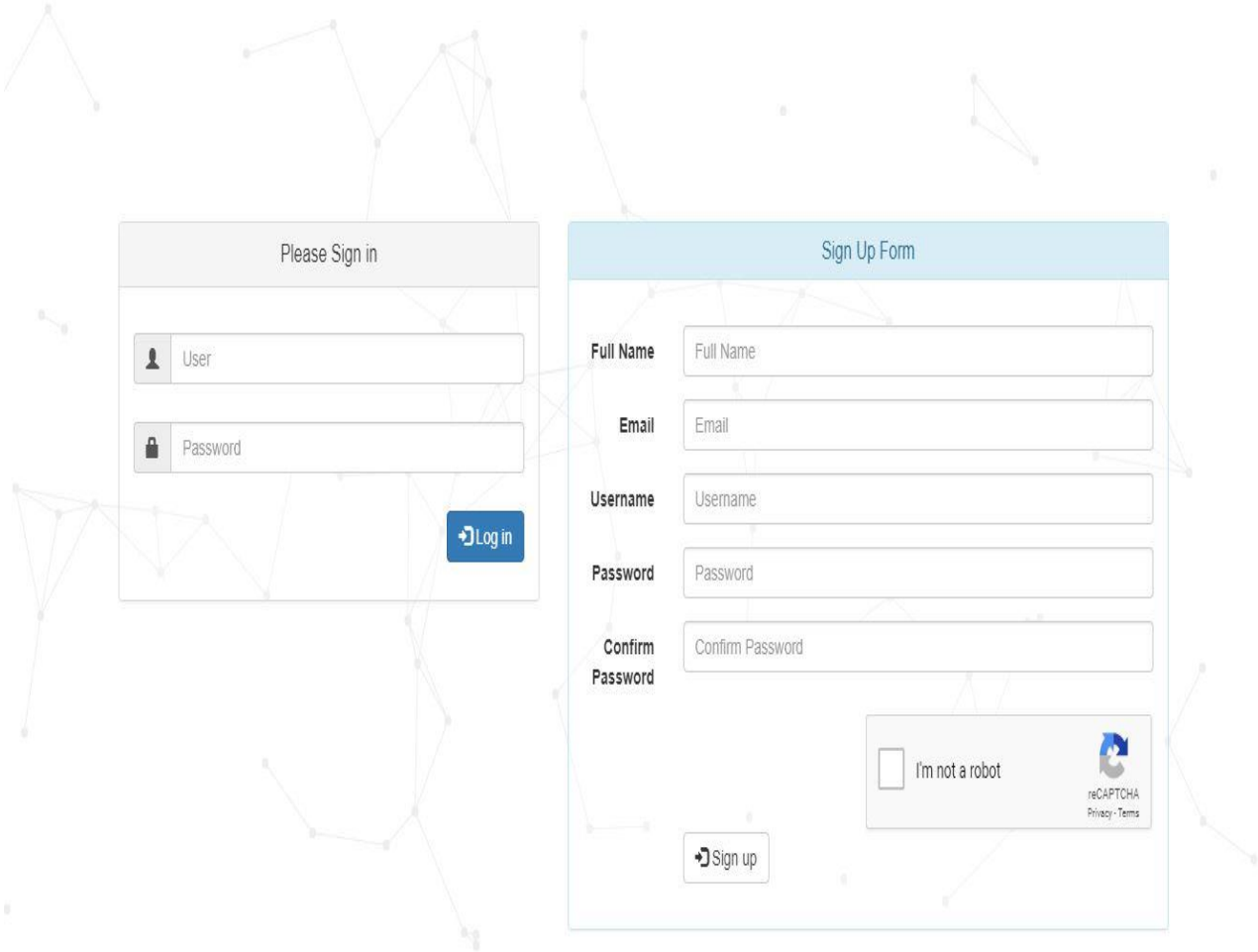

Figure 01: Sign up form with google recpatcha facility.

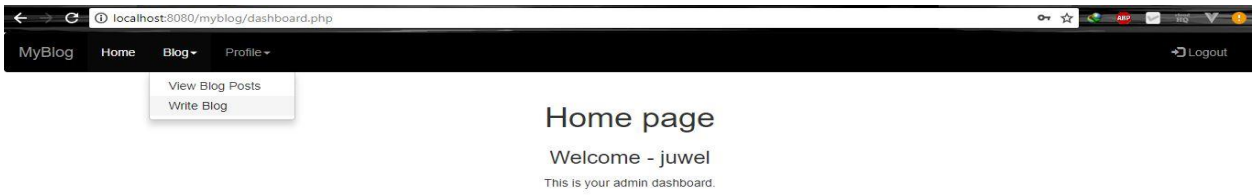

Figure 02: Home page with navigation panel

Week Two:

1) We showed our given task from first week and received the feedback.

2) In this week, we completed the profile page, blog writing page, newsfeed.

3) They gave the final feedback and discussed how we could improve the project.

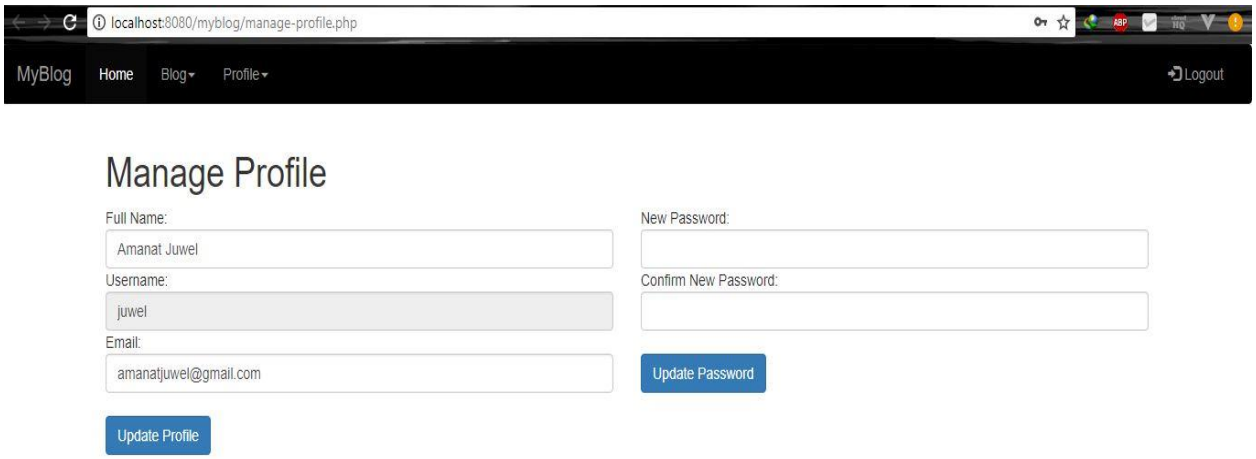

Figure 03: Profile Page

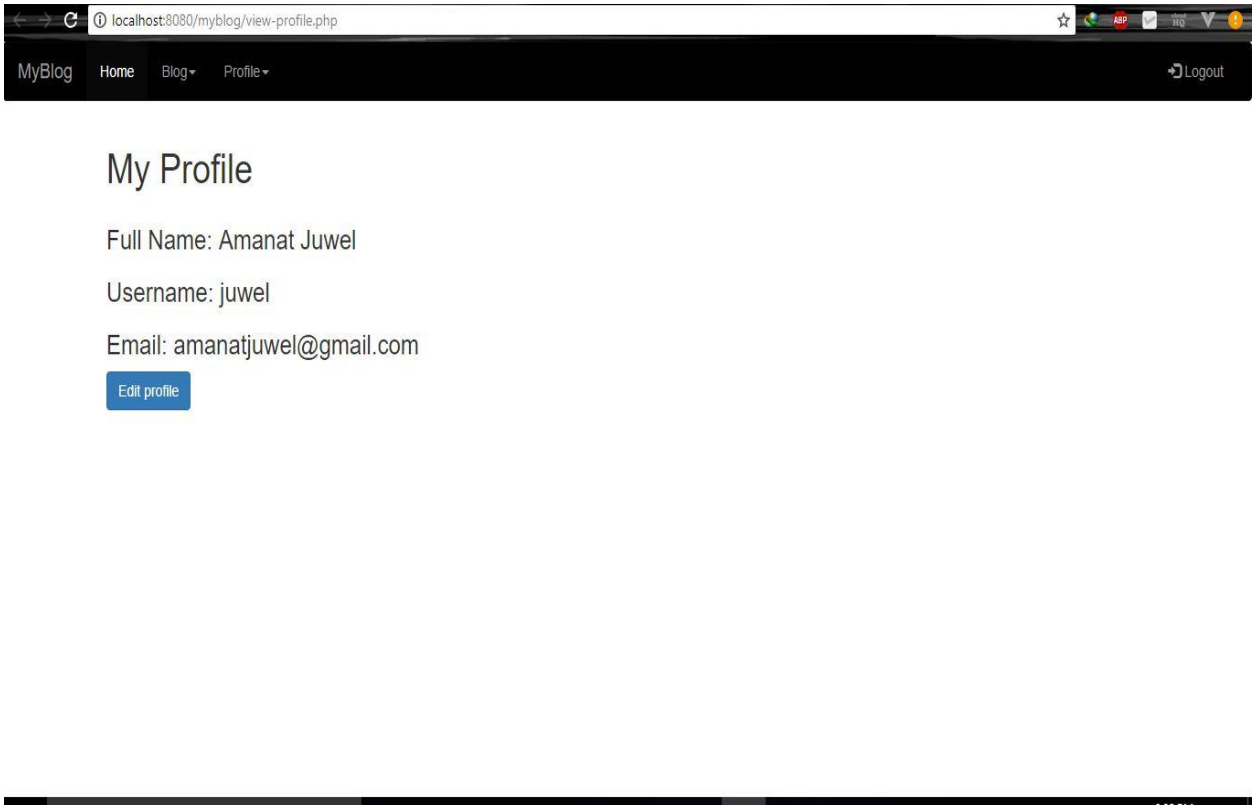

Figure 04: View Profile Page

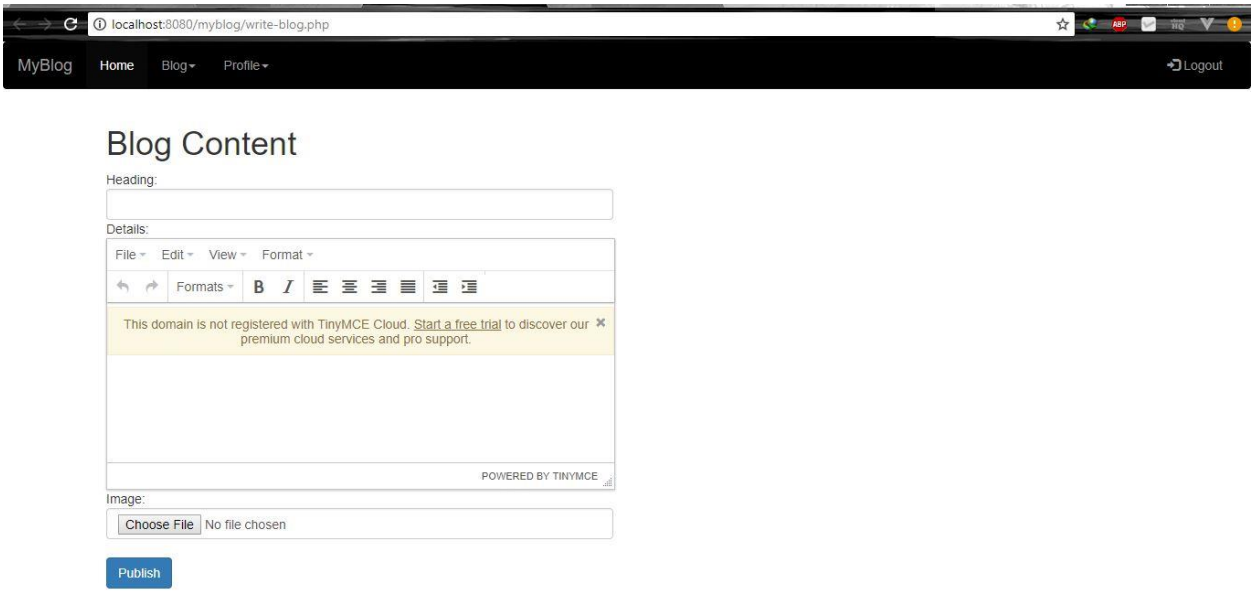

Figure 05: Content writing page

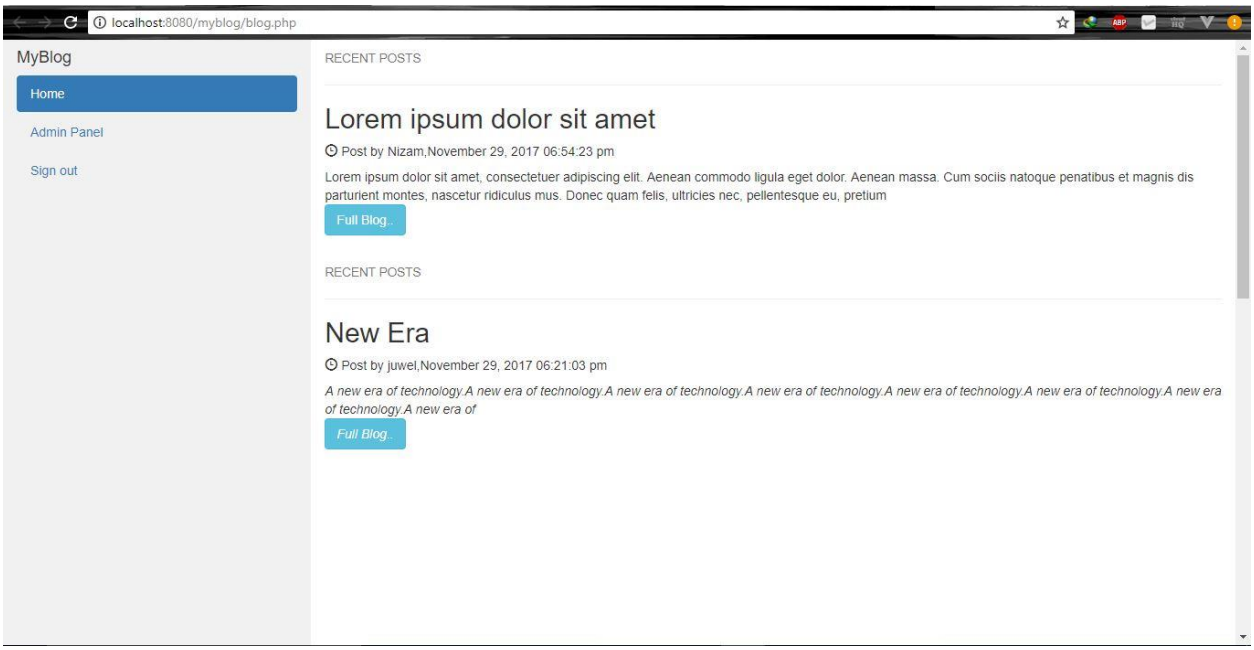

Figure 06: Content View Page

Figure 07: Content page

SOME PHOTOS DURING TRAINING

CONCLUSION

In this industrial training, we have learnt how software firms handle real world projects and what are the challenges and how to overcome those. We were guided to create blog posting project and learnt a lot from it. It was a very helpful and instructive field work for us.