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## Team 1

Aashish Raizada - 22044382

Adam Collins - 31560451

Megan Nguyen - 49162696

Nakheem Duhaney - 34541516

# MyBlogPost Proposal

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## OVERVIEW

Our MyBlogPost website aims to create a platform where registered users are able to participate in online discussions using personalized blog posts, while unregistered users are able to view said posts without making their own. The goal is for the product to be in a familiar format. With functionality including registration, posting, commenting and viewing blogs. The site will be available to multiple users simultaneously with the page updating in real-time.

## SPECIFICATIONS

The will be a 2 layout with a navigation bar at the top of the page that is always visible to a user scrolling. All styling will be done using CSS. The site will include both a masthead as well a footer.

There will need to be a user registration page. Where new users can enter their information and a personal user image. All information inputted will also be validated to make sure usernames are free for use.

The site will allow registered users to utilize special functions unavailable to unregistered users. Functions like posting and commenting.

The site will also have special features specific to administrators. Administrators will be able to track featured posts, moderate issues, resolve user problems, and generate usage reports.

## Objectives

### Baseline:

#### website user's objectives:

- Browse discussion posts as a registered or unregistered user
- Filter by keyword with or without registering

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- Become registered by inputting a name, e-mail and image
  - Login by providing personalized user id and password
  - Create and comment, as long as the user is registered and logged in
  - Edit a personal profile when logged in
  - Recover a password via email

**Website administrator's objectives:**

- Filter users by name, email or post
- Enable/disable users
- Edit/remove posts

## Requirements

### Minimum Functional:

- Custom layout with contextual menus (i.e. changing displays depending on user status (logged in, registered, etc.)
- 2 column layout with standard design principles (i.e. hover triggered highlighted nav links, etc.)
- Form validation using JavaScript
- Server-side scripting using PHP
- Data management using MySQL
- Security for data
- Consistent site state (ie. user state being logged on, etc.)
- Responsive design (ie. mobile, etc.)
- AJAX asynchronous updates (ie. discussion thread updates, will not force other users to refresh their pages to see any updates)
- Stored profile information and images in database<sup>3</sup>
- Discussion grouping and display based on topics
- Implemented navigation breadcrumbs (i.e. users should be able to deuce where they are in threads at all times)
- Error handling