

Wordpress Like Blog Engine With Pluggable Modules

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A little introduction to our project



Client - GUI Interaction

Updates website code in back-end



Objectives:

- The main motive is to create the pluggable pattern to enhance the capability of a blog engine using plugins.
- We will be following a modular approach for developing our project.
- To create dynamic plugins which can be edited and modified by the user without any knowledge of coding from the user side.

Continued...

- Our plugins can implement specific functionality on a post such as translate it or highlight specific keywords inside it.
- After choosing the relevant template, plugins will be automatically enabled.

Similar Implementation:

- **Wordpress:** Create a website or easily build a blog on WordPress.com. Hundreds of free, customizable, mobile-ready designs and themes. Also, special pluggins that add specific features to website.
- **Wix.com:** Create a free website with Wix.com. Customize with Wix free website builder, no coding skills needed. Choose a design, and start customizing. It allows users to create HTML5 websites and mobile sites through the use of online drag and drop tools.

Plugins:

- Plugin is a software component that adds extra feature for the application.
- Think of plugins like extra options to your car or upgrades to your computer.
- Before making a plugin work you need to install it and activate it.

Background:

- Blogs are used by many people nowadays to express their views, or for marketing a product etc.
- With the increasing reach of the web technologies, websites and blogs are an effective way for advertisements and exploring new markets.
- This project significantly decreases the efforts required to build and maintain a website and blog.
- It will be free to use and highly customizable as per the user requirements.
- User won't need to code anything, just needs to follow "Drag and Drop Architecture".

Scope:

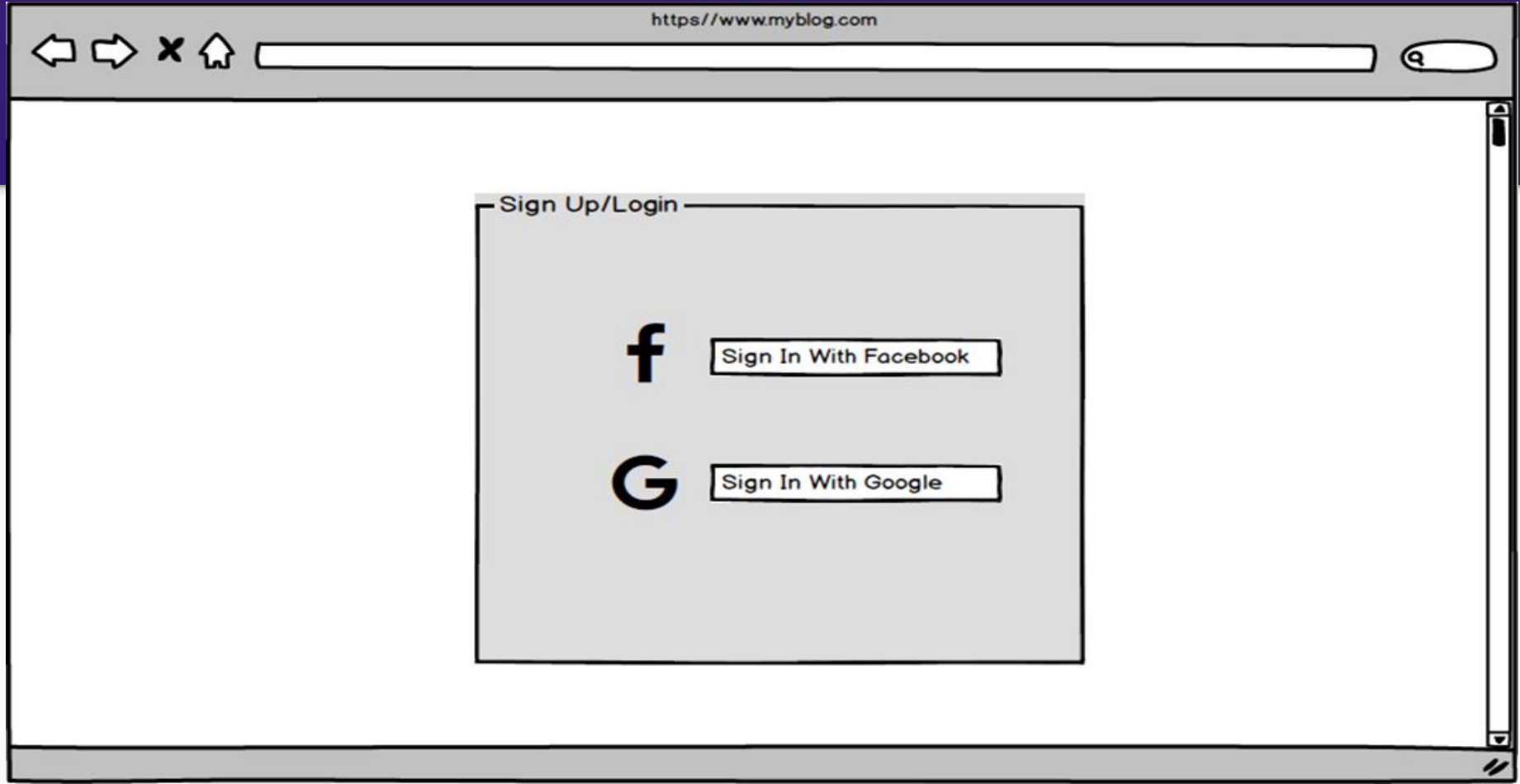
- We will be using Google and Facebook API for login feature.
- Users can select from available templates, and text design will be displayed according to selected template.
- We are planning to allow users to edit backend code.
- We will be developing dynamic plugins which can be turned on/off.

Technologies Being Used:

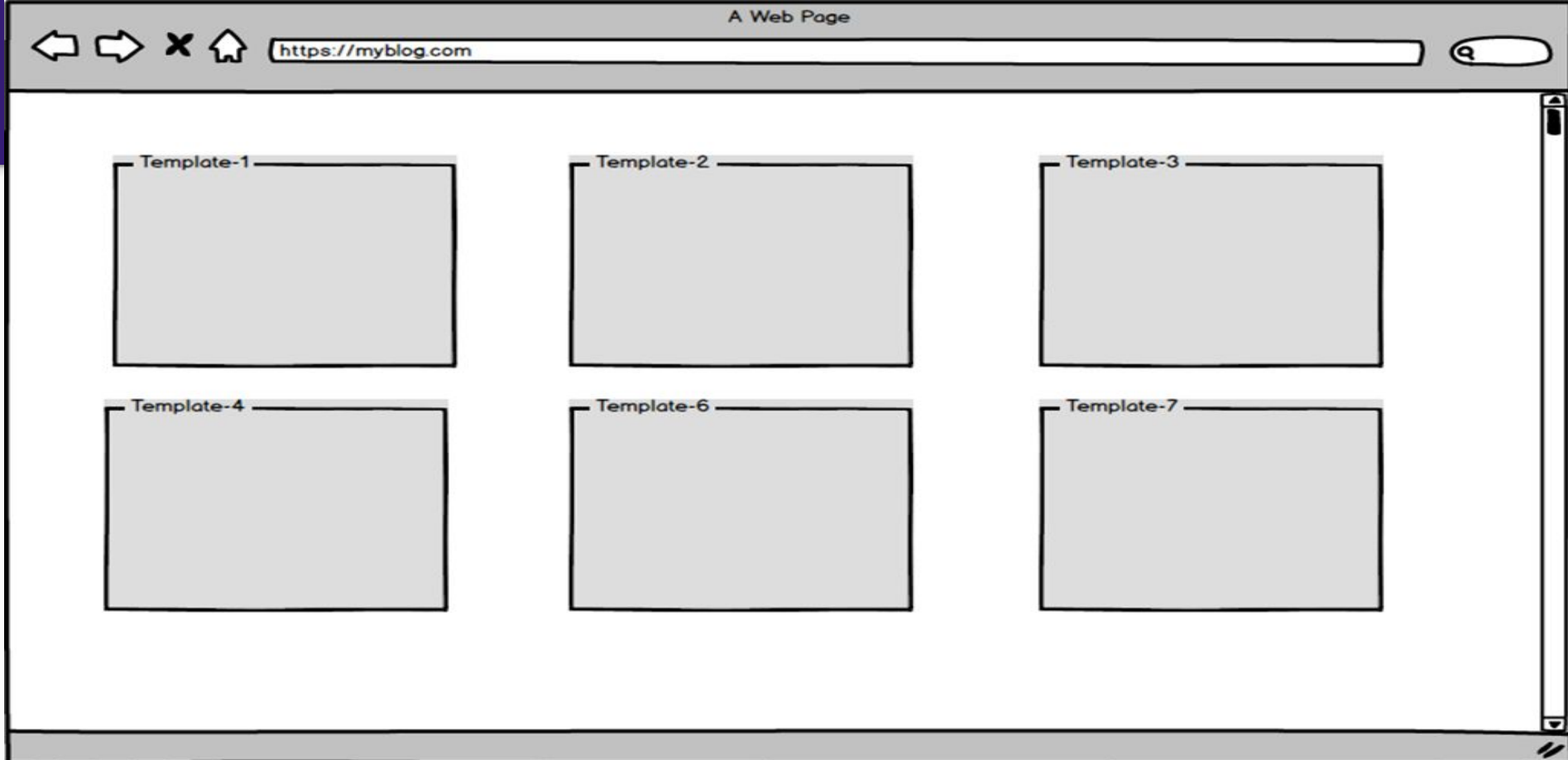
- Google & Facebook API's for Signup & Login.
- Website Architecture will be made on Spring MVC Framework.
- Apache Maven Build Management Tool.
- UX/UI Design Tools.

Work Done So Far

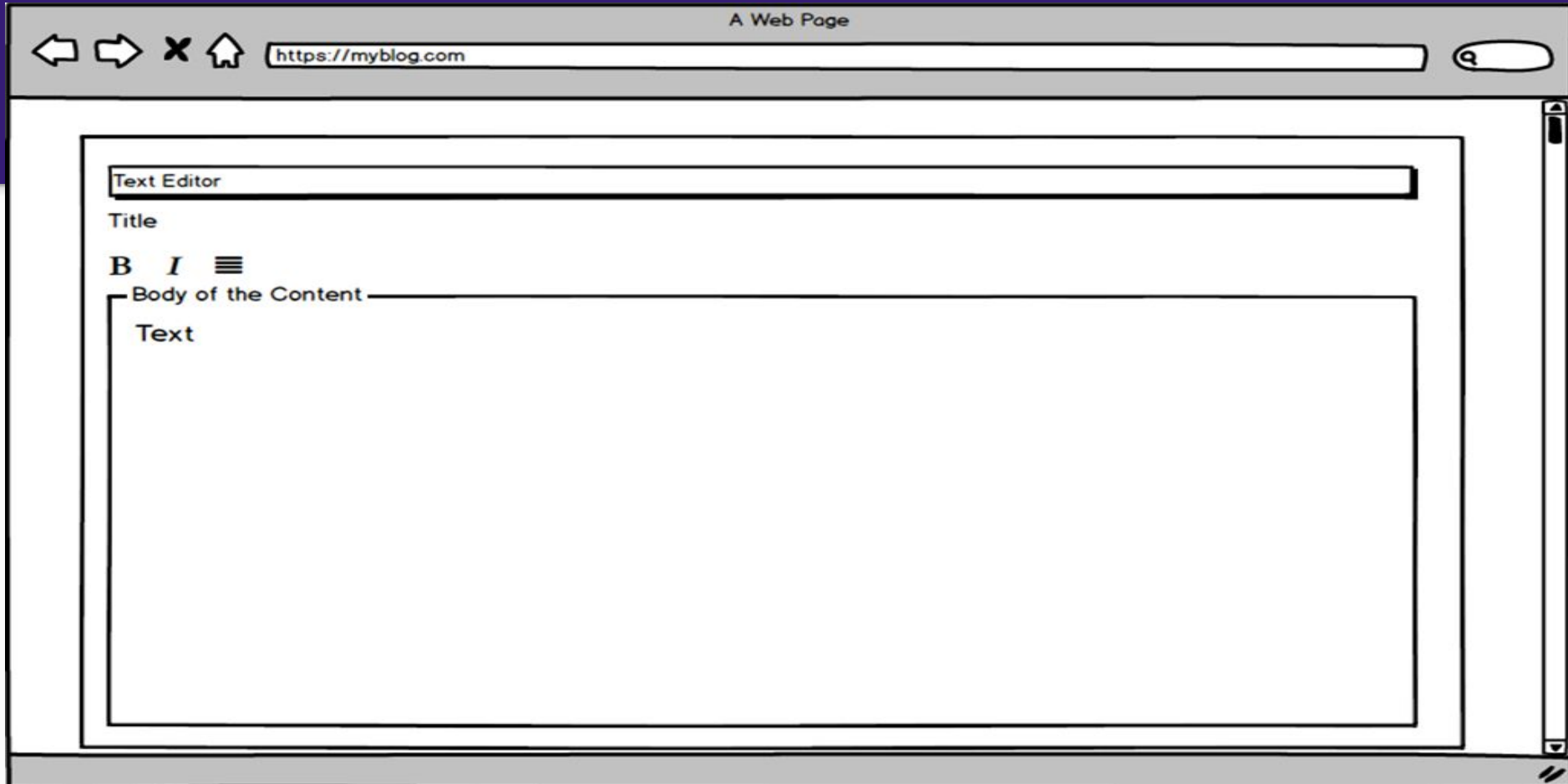
Rough Design of Our System (View-1)



Inner View(Front -end)



Inner View-2 (Front-End)



Work Plan For Next 1 Month:

- We will build a basic blog.
- Creation of template to invoke system files.
- Analysis of code for website prediction.
- Allowing user to edit back end code using front end widgets.
- Adding signup options.

Thanks

Questions?