

## Capstone Project Weekly Progress Report

<b>Project Title</b>	<b>Zene Cloud</b>
<b>Group Name</b>	<b>Group-I</b>
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<b>Reporting Week</b>	<b>17 June 2019 – 23 June 2019 (Week 6)</b>
<b>Faculty Supervisor</b>	<b>William Pourmajidi</b>

### 1. Tasks Outlined in Previous Weekly Progress Report

- We have created a Word Press Site
- We configured our Domain and Server Configurations
- We configured some layouts for the web page

### 2. Progress Made in Reporting Week

#### • Domain configuration

- ✓ Purchased our domain [Zenecloud.com](http://Zenecloud.com) from GoDaddy.
- ✓ Pointing IP towards the server IP **162.241.216.248**.
- ✓ Updated A record by changing the state from parked to pointing towards Server IP address.
- ✓ Updated primary and secondary DNS records.

#### • Server configuration

- ✓ Installation of FTP to make our life easier while handing files and directory using SSH terminal access.
- ✓ Installed HTTP support.

- By using root privileges.
  - **sudo yum install httpd mod\_ssl**
- ✓ Installation of Cpanel that provides the GUI to manage server functionality.
- ✓ Installation of WordPress (We opted for WordPress because it is free and open source as we required for our website is multimedia support).
  - Uploaded latest WordPress to server using FTP.
  - Created MySQL database and user for WordPress.
  - Configured database connectivity to work with WordPress.
  - Uploaded the theme to Public\_Html directory  
<https://themeforest.net/item/video-pro-video-wordpress-theme/16677956?ref=cactusthemes>.
- ✓ Installing essential plugins that are required by theme.
  - Every theme in WordPress have dependencies on plugins that are prebuilt functions.

### **3. Difficulties Encountered in Reporting Week**

- Selecting the right hosting platform which offer the specifications of the server we require to run multimedia content. The website is multimedia platform which require high bandwidth and enough disk space to work around the content we are offering.
- HTTP service was not running, while we uploaded our website to server and it was not working so we found out the HTTP is in stop mode. We forcefully restarted httpd service. Because server does not start automatically, as well as opening the port 80 by using. `sudo iptables -I INPUT -p tcp --dport 80 -j ACCEPT` was required too.
- Error in establishing database connection was the third difficulty we had, to tackle this we found out the wp-config.php file holds the username and password for connecting to the database which were incorrect.

### **4. Tasks to Be Completed in Next Week**

- We will create a dashboard which gives access to users to make changes according to privileges.
- Payment gateway to be implemented by using <https://pay.amazon.com/>.
- Installing WooCommerce for paid services where user can proceed through payment gateway.
- We will configure AWS Route53 with the domain.