

# **My Django project And Matplotlib/Pylab**

Design and Specification

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# Introduction

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This project is named Maiagogo (memory of my family)

Maigogo is a essentially blog site and web page directory - a site containing links to other websites, that lets users browse through user-defined categories to access various web pages.

For a particular category, the name of the category has been recorded, the number of times each category page has been visited, and how many users have clicked a “like” button (i.e. the page gets maiagogo’ed, and voted up the social hierarchy). Only registered users will be able to search and add pages to categories. And so, visitors to the site should be able to register for an account.

## Provision of services for Registered User

For the registered users should be able to do atleast:

- View their profile;
- Edit their profile;
- See the list of users and their profiles.
- Add categories and pages
- Add new post and edit instance post

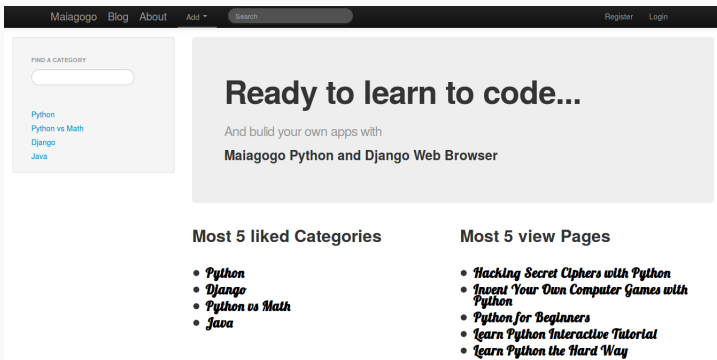
# Browser

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For the main page of the site, the visitors would be able to see:

- The 5 most viewed pages;
- The five most Maiagogo'ed categories; and
- Some way for visitors to browse or search through categories.





**Figure 1:** The browser main page with the categories bar on the left, also showing the top five pages and top five categories.

When a user views a category page, they would be able to see:

- The category name, the number of visits, the number of likes;
- Along with the list of associated pages in that category (showing the page's title, description of page and linking to its url); and.
- Some search functionality (via Bing's Search API) to find other pages that can be linked to this category.

# CATEGORY PAGE



**Figure 2:** The category page showing the pages in the category (along with the number of views)

# REGISTRATION PAGE

Header: Maiagogo Blog About Add Search Register Login

Left Sidebar: FIND A CATEGORY  
Python  
Python vs Math  
Django  
Java

Main Content: Register with Maiagogo  
Sign up Here

Please enter a username.

Please enter your email.

Please enter a password.

Please enter your website.

Select a profile image to upload.  
Browse... No file selected.

Figure 3: Screenshot of registration page.

Maiagogo Blog About Add Search Register Login

FIND A CATEGORY

Python  
Python vs Math  
Django  
Java

## Login to Maiagogo

Please sign in

Username:

Password:

[Sign in](#)

© Maiagogo: Website 2017

**Figure 4:** Screenshot of login page.

# ADD CATEGORY PAGE

The screenshot shows a web application interface for adding a category. At the top is a dark navigation bar with links for 'Malagogo', 'Blog', 'About', and 'Add'. A search bar is located to the right of the 'Add' link. On the far right of the navigation bar, it says 'Welcome, hamza!' followed by links for 'My profile' and 'Logout'. Below the navigation bar, the page is divided into two main sections. On the left is a sidebar with the heading 'FIND A CATEGORY' and a search input field. Below this, there are links for 'Python', 'Python vs Math', 'Django', and 'Java'. The main content area on the right has a large heading 'Add a Category'. Below the heading, it says 'Please enter the category name.' followed by an input field and a blue button labeled 'Create Category'. At the bottom of the page, there is a footer that reads '© Malagogo: Website 2017'.

Malagogo Blog About Add Search

Welcome, hamza! My profile Logout

FIND A CATEGORY

Python  
Python vs Math  
Django  
Java

## Add a Category

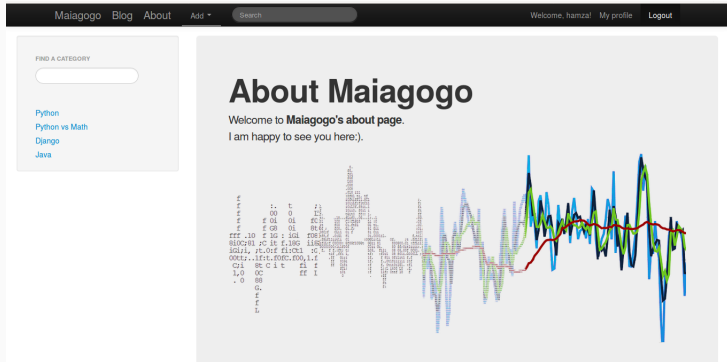
Please enter the category name.

Create Category

© Malagogo: Website 2017

**Figure 5:** Screenshot of add category page.

# ABOUT PAGE

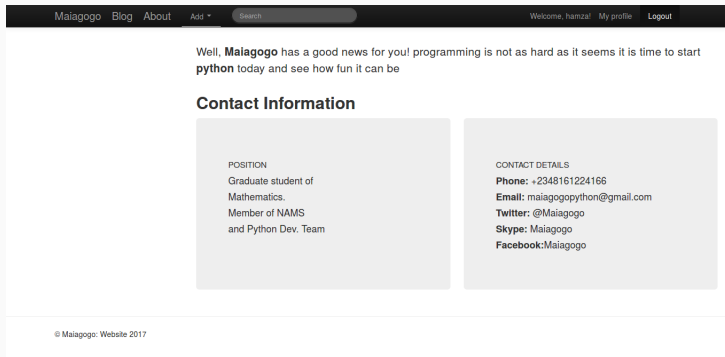


**Figure 6:** Screenshot of about page.



**Figure 7:** Screenshot of about page.

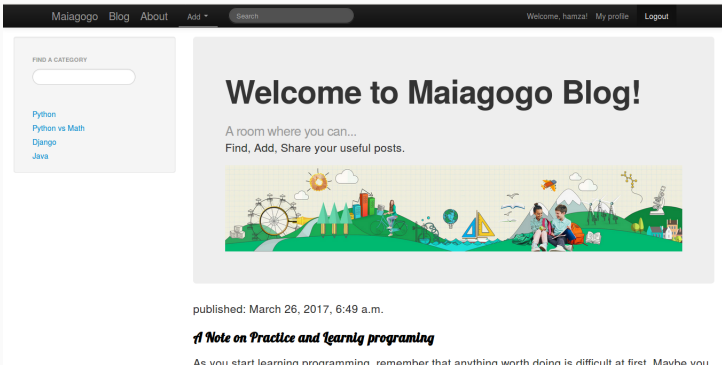




**Figure 8:** Screenshot of about page.

# Blog

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**Figure 9:** Screenshot of blog main page.

# BLOG POST DETAIL PAGE

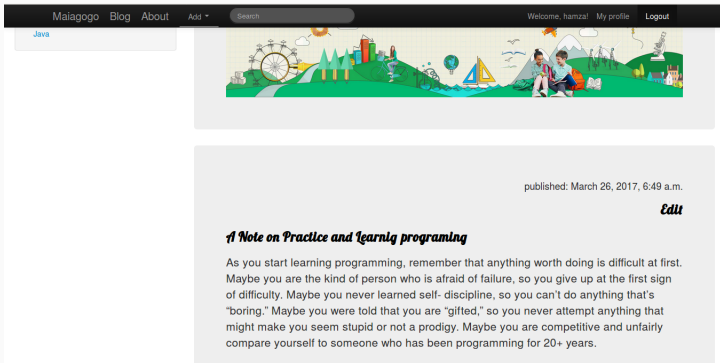


Figure 10: Screenshot of blog post detail page.

# BLOG NEW POST PAGE

The screenshot shows a web interface for creating a new blog post. The header is dark with white text for navigation and user status. The main content area is light gray and contains the 'New Post' title and form fields. The form includes a 'Title' label and a single-line text input, a 'Text' label and a multi-line text area, and a blue 'Save' button at the bottom.

Malagogo Blog About Add + Search

Welcome, hamza! My profile Logout

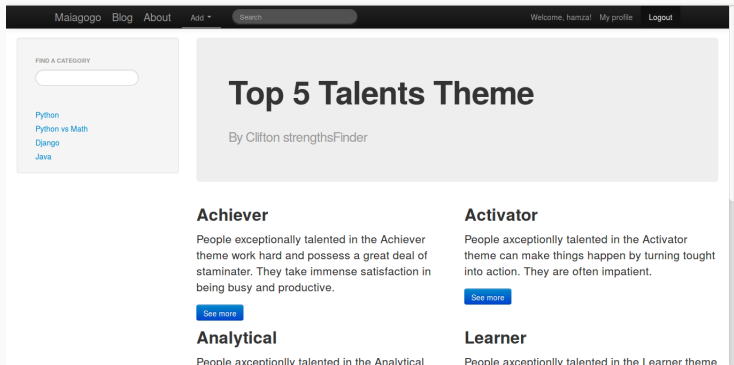
## New Post

Title:

Text:

Save

**Figure 11:** Screenshot of blog new post page.



**Figure 12:** Screenshot of other page.

[Maiagogo](#) [Blog](#) [About](#) [Add \\*](#)

Welcome, Iamza! [My profile](#) [Logout](#)

[See more](#)

## Analytical

People exceptionally talented in the Analytical theme search for reasons and causes. They have the ability to think about all the factors that may affect a situation.

[See more](#)

## Relator


people exceptionally talented in the Relator theme enjoy close relationships with others. They find deep satisfaction in working hard with friends to achieve a goal

[See more](#)

## Learner

People exceptionally talented in the Learner theme have a great desire to learn and want to continuously improve. The process of learning rather than the outcome, excites them.

[See More](#)



© Maiagogo: Website 2017

**Figure 13:** Screenshot of other page.

## OTHER PROJECTS

- The following are some of my Matplotlib/PyLab projects



# OTHER PROJECTS

- The following are some of my Matplotlib/PyLab projects
- The world is full of possibility

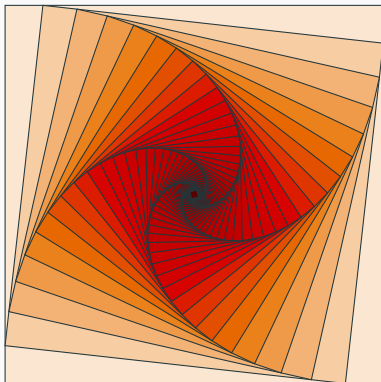
# OTHER PROJECTS

- The following are some of my Matplotlib/PyLab projects
- The world is full of possibility
- No thing impossible

# OTHER PROJECTS

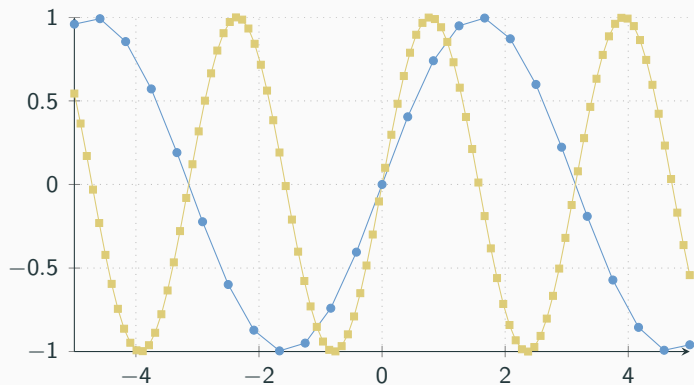
- The following are some of my Matplotlib/Pylab projects
- The world is full of possibility
- No thing impossible

## FIGURES

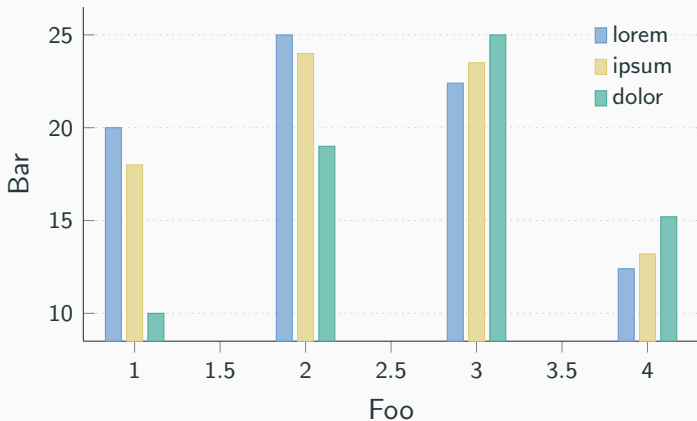


**Figure 14:** Rotated square from [texample.net](http://texample.net).

# LINE PLOTS



# BAR CHARTS



**The end**

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**Questions?**  
**Observations**