

REDESIGNING

OBF

WEBSITE 0.1

BY NUFINA

DESIGN BRIEF

<https://github.com/OBF/homepage/blob/master/design.md>

Design a home page for the OBF suitable for the site map below. This could be implemented by creating a custom Wordpress theme, although CMSes will be considered, so long as they have an easy-to-update-site interface. Static site generators such as Jekyll or Hugo are not suitable.

INTRODUCTION

This design inspired by Philanthropy theme (<https://demo.themefuse.com/philanthropy/>)

I have researched and organized OBF website contents and decided to choose the Philanthropy theme as my inspiration to redesign the OBF website. This theme is suitable for OBF because there are many similarities that are expected to cover OBF needs. My design is just an illustration that we can develop according to OBF needs .

I modified in some parts from the original theme to meet OBF needs such as putting board of directors in the home page. In terms of setting the contents, I have made Get Involved page to make it easier for users to contribute. For a more detailed explanation please see the illustration below:

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Homepage

COLOR CHOICES

#HOMEPAGE

I have provided some color choices that matches the main color of the OBF. There are many choices and I choose these three to present because they have a good combination.

The image displays three wireframe prototypes of the Open Bioinformatics Foundation homepage, each using a different color scheme to match the main color of the OBF. The prototypes are arranged side-by-side, showing the layout and content of the homepage.

- Teal Color Scheme (Left):** The background is a light teal color. The header features the OBF logo and navigation links: ABOUT US, BOSC, GSOC, COC, BLOG, PROJECTS, GET INVOLVED, CONTACT, and DONATE. The main content area includes sections for "HOW CAN YOU CONTRIBUTE?", "MAIN ACTIVITIES", and "UPCOMING EVENT". Each section contains cards for BOSC Conferences, Travel Fellowships, Google Summer of Code, and Hackathons, each with a "More Details" button.
- Blue Color Scheme (Middle):** The background is a light blue color. The header and navigation links are the same as the teal scheme. The main content area includes sections for "HOW CAN YOU CONTRIBUTE?", "MAIN ACTIVITIES", and "UPCOMING EVENT". The "UPCOMING EVENT" section has a larger image and a "VIEW ALL" button. The "MAIN ACTIVITIES" section has a "VIEW ALL" button. Each card in the "MAIN ACTIVITIES" section includes a "More Details" button.
- Dark Grey Color Scheme (Right):** The background is a dark grey color. The header and navigation links are the same as the teal scheme. The main content area includes sections for "HOW CAN YOU CONTRIBUTE?", "MAIN ACTIVITIES", and "UPCOMING EVENT". The "UPCOMING EVENT" section has a larger image and a "VIEW ALL" button. The "MAIN ACTIVITIES" section has a "VIEW ALL" button. Each card in the "MAIN ACTIVITIES" section includes a "More Details" button.

Each prototype also includes a "JOIN OUR MAILING LIST" form, a "PROJECTS" section with logos for BioJava, BioPerl, and moby, and a "WHO WE ARE", "WHAT WE DO", and "ABOUT US" footer section.

SLIDE OPTIONS

#HOMEPAGE

I have made two slide options: 1. Slide with Images, 2. Slide with Colors. We can also combine both images or colors.

01/ [More Details](#) 02/ [More Details](#) 03/ [More Details](#)

01/ [More Details](#) 02/ [More Details](#) 03/ [More Details](#)

01/ [More Details](#) 02/ [More Details](#) 03/ [More Details](#)

01/ [More Details](#) 02/ [More Details](#) 03/ [More Details](#)

01/ [More Details](#) 02/ [More Details](#) 03/ [More Details](#)

01/ [More Details](#) 02/ [More Details](#) 03/ [More Details](#)

01/ [More Details](#) 02/ [More Details](#) 03/ [More Details](#)

01/ [More Details](#) 02/ [More Details](#) 03/ [More Details](#)

A BREAKDOWN

#HOMEPAGE

This breakdown is my attempt to make a detailed explanation in all parts. The part that we can't see in the homepage will be explained here. There is also an example of drop down menu.

The screenshot shows the homepage of the Open Bioinformatics Foundation (OBF) with various sections and annotations:

- Header:** Includes the OBF logo, navigation links (ABOUT, BOSC, GSOC, COC, BLOG, PROJECTS, GET INVOLVED, CONTACT, DONATE), and a dropdown menu for 'ABOUT'.
- Hero Section:** Features a photo of people at a conference and a 'HOW CAN YOU CONTRIBUTE?' section with three buttons: '01/ Make a donation', '02/ Become a volunteer', and '03/ Become a member'.
- MAIN ACTIVITIES:** Section with 'VIEW ALL' and four cards: 'BOSC Conferences' (with a 'More Details' button), 'Travel Fellowship' (with a 'More Details' button), 'Google Summer of Code' (with a 'More Details' button), and 'Hackathon' (with a 'More Details' button).
- UPCOMING EVENT:** Section with 'VIEW ALL' and a card for 'NOVEMBER 6, 2018' featuring 'THE EVENT NAME'.
- BOARD OF DIRECTORS:** Section with 'VIEW ALL' and four cards: 'HILMAR LAPP' (PRESIDENT of OBF), 'PETER COCK' (TREASURER of OBF), 'CHRIS FIELD' (SECRETARY of OBF), and 'KAREN C' (MEMBER).
- FOOTER:** Includes 'JOIN OUR MAILING LIST' (with an input field for 'YOUR EMAIL ADDRESS' and a 'SUBMIT' button), 'FOLLOW US' (with a Twitter icon), and a 'PROJECTS:' section featuring logos for 'moby', 'BioJava', 'BioPerl', 'BioSQL', and 'Bio DAS'.
- Footer Navigation:** Links for 'WHO WE ARE', 'WHAT WE DO', 'ABOUT US', and 'FIND US'.

Annotations with arrows explain the design choices:

- Top right: 'I organize the menu based on design brief. There are some points that I don't put in the menu but I put in the homepage such as an upcoming event/ event calendar. And I also add a GET INVOLVED page to make it easier for user to contribute.'
- Middle left: 'I plan to make 4 slides (OBF, BOSC, GSOC, and COC) in the Homepage. These slides are the face of OBF and contain a general description about OBF. To get details description about all of them, I give a more details button in every slide.'
- Middle right: 'I make a GET INVOLVED page to cover this need. In GET INVOLVED page there will be 3 part: DONATE, BECOME A VOLUNTEER, and BECOME A MEMBER.'
- Bottom left: 'OBF has so many activities. Putting them in the Homepage is a good way to give a general description to user.'
- Bottom right: 'Show upcoming event to help users see the upcoming event. View all links to event calendar and more details links to event page.'
- Bottom right: 'Show OBF board of directors and members.'
- Bottom right: 'How to join mailing list and follow Twitter. We can add a contact form if needed or add a subscribe button or a donate button.'
- Bottom right: 'Show OBF main projects. We can link to every project page.'
- Bottom right: 'we link All of things in the footer to every page.'



PAGE
PREVIEW

ABOUT PAGE

#PAGE PREVIEW

This design is clean and simple.



OPEN BIOINFORMATICS FOUNDATION

ABOUT BOSC GSOC COC BLOG PROJECTS GET INVOLVED CONTACT | DONATE



About Us

The Open Bioinformatics Foundation (OBF) is a non-profit, volunteer-run group dedicated to promoting the practice and philosophy of Open Source software development and Open Science within the biological research community.

The OBF is governed by a Board of Directors. Our bylaws lay out how the Board is elected, holds public meetings, and conducts its business, as well as the scope and role of our membership. OBF is an associated project with Software In The Public Interest, Inc., a fiscal sponsorship organization, and through SPI we can accept tax-exempt charitable donations.

History

OBF grew out of the volunteer projects BioPerl, BioJava and Biopython and was formally incorporated in 2001 in order to handle modest requirements of hardware ownership, domain name management and funding for conferences and workshops. In 2005, we enacted bylaws for the first time, and along with it created a formal membership.

In 2012, we decided to give up our own incorporation to associate ourselves with Software In The Public Interest, Inc., a fiscal sponsorship organization that we felt aligned well with our own values and culture. The bylaws underwent a series of changes, in part to better reflect our current practices, and in part to pave the way for joining SPI. The changes were approved on Sep 11, 2012, our membership overwhelmingly approved of associating with SPI, and as of October 12, 2012, OBF is a SPI-associated project.

By-Laws [Read More](#)

In 2005, we enacted bylaws for the first time, and along with it created a formal membership.

[Open Bioinformatics Foundation \(OBF\) Bylaws: Membership, Nomination To And Election Of The Board](#)

[Download File](#)

Main Activities

- Running and supporting the BOSC conferences.
- Organizing and supporting developer-centric "Hackathon" events.
- Participating in the Google Summer of Code program on behalf of our member projects as an umbrella mentoring organization.
- Running the OBF Travel Fellowship program (launched March 2016).
- Managing servers, colocation facilities, bank account, domain names, and other assets for the benefit of our member projects.
- Public opinion and policy statements about matters related to Open Source and Open Science in bioinformatics.

Membership [Read More](#)

The Open Bioinformatics Foundation invites professionals, scientists, students, and others active in the Open Source Software arena in the life sciences to join the OBF as a member. The membership body was formally established at the 2005 Board of Directors meeting. As laid out in the OBF Bylaws, officers in the Board of Directors will be elected by the membership among nominees, and candidates for future Directors will be nominated from the membership when seats are added or a term expires.

The eligibility criteria are met by anyone who is "interested in and aligns with the objectives of the OBF". There are no dues at present. You can join throughout the year by filling out the application form. The best time and place to join is at the annual BOSC conference, because attendees are automatically deemed eligible based on the fact that they attended BOSC, but you can apply for membership at any time.

[JOIN US](#)

WHO WE ARE

OUR TEAM
PARTNER
CONTACT
BY-LAWS

WHAT WE DO

PROJECTS
EVENTS
DONATION
MEMBERSHIP

ABOUT US

A non-profit volunteer group dedicated to promoting the practice and philosophy of Open-Source software development and Open Science within the biological research community.

FIND US



 2018

GET INVOLVED PAGE

#PAGE PREVIEW

I put all of things that need user contribution in Get Involved page. We still have to link each choice to the final page untill the last button.

OPEN BIOINFORMATICS FOUNDATION

ABOUT BOSC GSOC COC BLOG PROJECTS GET INVOLVED CONTACT | DONATE

Donate Become A Volunteer Become A Member

GET INVOLVED

DONATE

Your contribution helps fund a growing community of people committed to developing reusable open-source software for advancing biological research.

[Donate Now](#)

BECOME A VOLUNTEER

Lorem ipsum dolor sit amet, ad mea mazim putant dis sentias. Dico primis cum et et verear aliquid. Corpora phaedrum posidonium te has, ne usu torquatos expetendis contentiones.

[Get Started](#)

BECOME A MEMBER

Lorem ipsum dolor sit amet, ad mea mazim putant dis sentias. Dico primis cum et et verear aliquid. Corpora phaedrum posidonium te has, ne usu torquatos expetendis contentiones.

[Get Started](#)

JOIN OUR MAILING LIST

YOUR EMAIL ADDRESS SUBMIT

FOLLOW US

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WHAT WE DO

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FIND US

2018

DONATION PAGE

#PAGE PREVIEW

This donation page is still a rough design. I can develop this page if I get a detailed description about donation from OBF. What kind of donation that OBF want, What is method that OBF use to donate, etc.

OPEN
BIOINFORMATICS
FOUNDATION

ABOUT BOSC GSOC COC BLOG PROJECTS GET INVOLVED CONTACT | DONATE

MAKE A
DONATION

SELECT PAYMENT METHOD
• CREDIT CARD
• OFFLINE DONATION

PERSONAL INFO
FIRST NAME LAST NAME
EMAIL ADDRESS
DONATION TOTAL
DONATE NOW

Your contribution helps fund
a growing community of people
committed to developing reusable
open-source software for advancing
biological research.

- The Open Bioinformatics Foundation thanks you for your donation -

JOIN OUR MAILING LIST
YOUR EMAIL ADDRESS SUBMIT

FOLLOW US

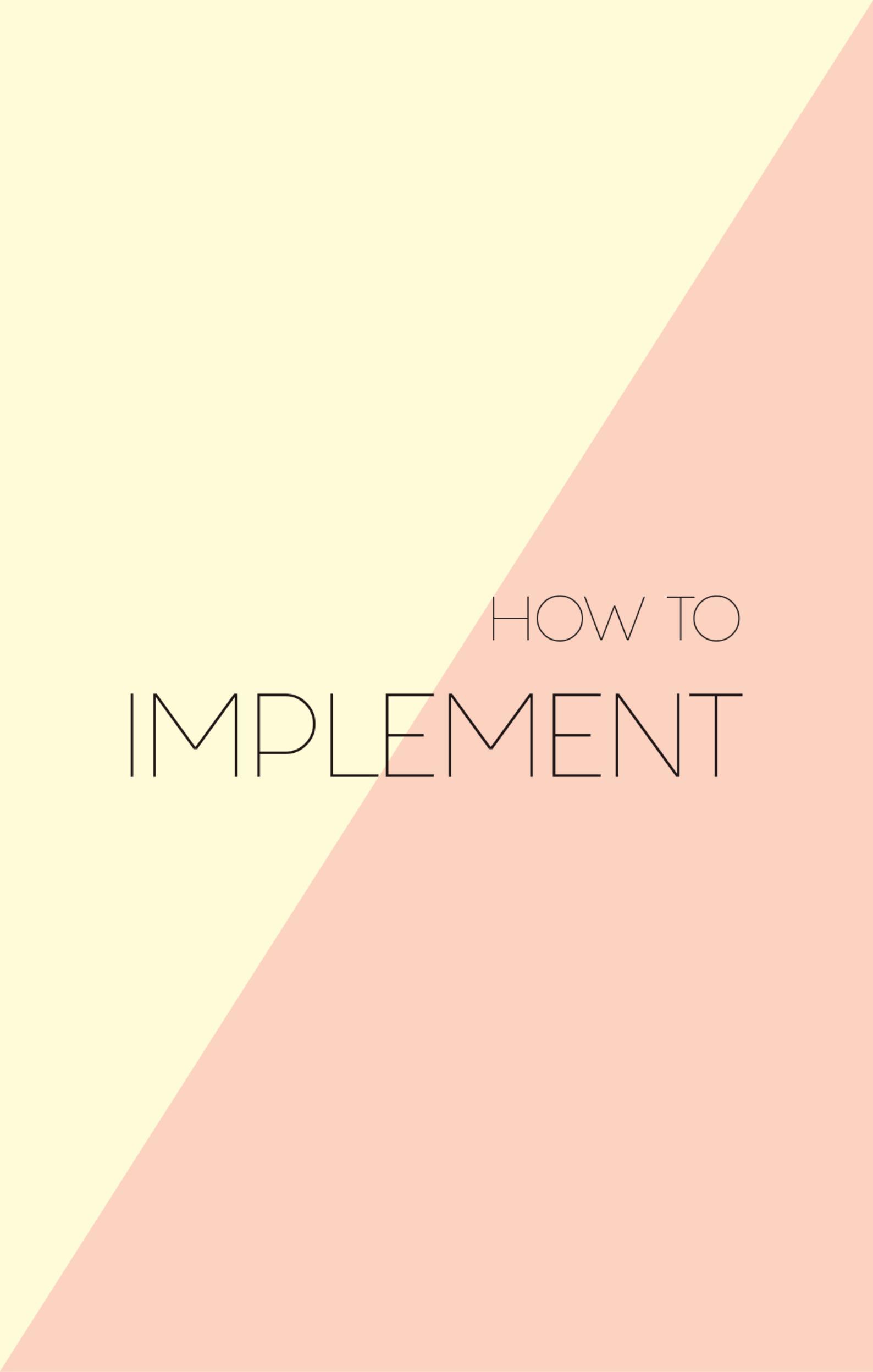
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FIND US

2018



HOW TO IMPLEMENT

HOW TO IMPLEMENT

The important thing to start this work is organizing the contents. I should make sure that I manage contents properly and correctly under the supervision of a mentor. For example, How many pages that we want, What we want to put in the menu bar, what will be put in the About page, etc. So, if I am accepted as an intern I'll make a draft of the content before starting.

1. Use WordPress CMS

We already know that WordPress is the best CMS that provide the most benefits. I choose WordPress than the other CMS because WordPress CMS is easy to update and has many plugins that we can add to extend functionality or add new features to OBF website. Please, see the general description of making OBF website with WordPress CMS below:

All of you maybe already know how to use WordPress CMS but I should write it here to make it clear.

Step 1:

Domain name >> Hosting >> Install WordPress >> Login to WordPress

Step 2:

Install Theme >> Customize >> Install Elementor Plugin (we can use other plugin) >> Create Contents of Website (Homepage, About, Blog, etc.) >> Install other plugin if needed (Donation Plugins: Give or Donorbox, Contact Plugins: WPForms or Contact Form 7, etc)

From those steps above, the main process is to create web contents. I have prepared a list of plugins or templates that will be used in my design. And also an alternative to create a different web outside the main web (OBF web) if needed such as web for BOSC or GSoC. But still, we need to place them in main web because they are part of OBF.

2. Make Custom Templates

This is just an alternative if we can't get template like what we want. I'll write code to create templates as what we want and install it via FTP (File Transfer Protocol) and I recommend using FileZilla (<https://filezilla-project.org/>). In term of how I'll write code to create the template is use HTML/CSS, JavaScript, and JavaScript framework or front end framework if needed.

NOTES:

The content (pictures, color, icon, words, etc.) is just to illustrate or visualize the design of website. Please, let me know if there is something inappropriate in choosing the content.

The concept of the design (arrangement of menu, arrangement of page contents, features, etc.) based on my limited understanding of OBF which is very likely to occur errors. Revisions and changes are needed.



The End