Open Source softwares

# **Identify any Open Source software and create detailed report about it.**

1. Idea - **WordPress**   
     
   WordPress is a free and open-source content management system (CMS) based on PHP and MySQL. WordPress is installed on a web server, which either is part of an Internet hosting service or is a network host itself;

WordPress is a free software, this means you are free to download, install, use and modify it. You can use it to create any kind of website. It is also open source which means the source code of the software is available for anyone to study, modify and play with.

There are currently 2600+ WordPress themes and 31,000+ plugins available for free. You can download, install and use them on any website.

1. **What problem does it solves?**

* Safe and Secure
* Can Handle Different Media Types
* Easy to Use and Learn
* Extendable by Using Themes and Plugins
* Search Engine Friendly
* Easy To Manage

1. **Licensing model**

The license under which the WordPress software is released is the GPL (General Public License)v2 (from the Free Software Foundation. A copy of the license is included with every copy of WordPress

1. **Intent behind making it open source**

WordPress is an open source community project where tens of thousands of talented people have made contributions to make it into a great software that it is today. There is a core team of developers that lead the project development, but anyone can contribute patches, report bugs, suggest features etc. Furthermore, project leaders change from one version to another. If you get involved into the community, then you can easily become a core contributor of WordPress.

The philosophy behind Open Source software movement is that software are not like other tangible products. Once a software is created, it can be copied many times with little cost. Let’s take example of a toy factory. Each toy manufactured has different parts and each part has a cost. The manufacturing cost of these parts can be calculated by the factory to decide a reasonable profit margin for the product. On the other hand the cost of creating a software and making copies of it is not the same. Some groups believe that with each copy sold, the profit margin of the software becomes more unfair.

1. **Monetization models**Creating and Selling Plugins  
   Develop WordPress Themes  
   Offer WordPress Consulting Services  
   Blog Setup Service  
   Content Writing ServiceRun different ads
2. **Popularity**

In 2004 the licensing terms for the competing Movable Type package were changed by Six Apart, resulting in many of its most influential users migrating to WordPress.  
  
By October 2009 the Open Source CMS MarketShare Report concluded that WordPress enjoyed the greatest brand strength of any open-source content management system.

As of January 2015, more than 23.3% of the top 10 million websites now use WordPress.

As of February 2016, WordPress is used by 59.1% of all the websites whose content management system we know. This is 25.8% of all websites.

1. **Impact**Responsive Website – Can support in all browser  
   Search Friendly – More visitors – More BusinessRequire less human resource & budget to handle website

Ref:  
<http://www.wpbeginner.com/why-you-should-use-wordpress/>

<http://www.wpbeginner.com/glossary/open-source/>

<https://en.wikipedia.org/wiki/WordPress>

<http://www.wpexplorer.com/make-money-with-wordpress/>

<http://www.wpbeginner.com/beginners-guide/why-is-wordpress-free-what-are-the-costs-what-is-the-catch/>