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# Gantt Chart Report

## Timeline:

The project of the web application of Delicious was started on the date of 16 February 2016 and it will be done by 11 May 2016.

## Categories:

Throughout the project we have classified our task in seven categories, they are stated below.

1. Study Job Specification
2. Requirement Analysis
3. System Planning
4. System Design
5. Functionalities
6. Testing
7. Publishing

We have started our Study Job Specification on 16 February 2016 and it’s done by 4 March 2016. The duration is 14 days.

We have started our Requirement Analysis on 4 March 2016 and it’s done by 25 March 2016. The duration is 15 days.

We have started our System Planning on 28 March 2016 and it’s done by 08 April 2016. The duration is 10 days.

We have started our System Design on 08 April 2016 and it’s done by 19 April 2016. The duration is 7 days.

We will start our Functionalities on 19 April 2016 and it’ll be done by 03 May 2016. The duration is 10 days.

We will start our Testing on 03 May 2016 and it’ll be done by 09 May 2016. The duration is 04 days.

We will finally publish the website on 09 May 2016. The duration is 01 days. Then we will present it on 11 May 2016.

## Detailed Planning:

**Study Job Specification**

As we have started this phase on 16 February 2016 and it’s done by 4 March 2016. below is the detailed planning phase with its duration described.

**Analyze system request** is the first phase of this category and it’s done in two days. Then **Formulate proposal** is the second phase of this category and it’s also done in two days. Then **Define Site Goals and Overall Strategy**, **Identify internal and external factors, Evaluate Job Specifications** started and finished on 26 February 2016. Then **Implementation plan** is the sixth phase of this category and it’s done in three days. Then **Write proposal** is the last phase of this category and after this phase was done the milestone was in 4 March 2016 as we **submitted the proposal**.

**Requirement Analysis**

As we have started this phase on 4 March 2016 and it’s done by 25 March 2016. The total duration is 15 days. Below is the detailed planning phase with its duration described.

**Conduct preliminary investigation** is the first phase of this category and it’s done in two days. Then next **Determine system environment** is the second phase of this category and it’s done in one day which means it was started and finished on 9 March 2016.

**Requirement modeling** is the third phase of this category and it’s also done in one day which means.

Then **Identify functional and non-functional requirement** is the fourth phase of this category and it’s done in two days.

After that **Determine assumptions and dependencies** is the fifth phase of this category and it’s also done in one day.

Then **Generalize external interface requirement** is the sixth phase of this category and it’s also done in one day.

After that **Providing other requirement and system evolution** is the seventh phase of this category and it’s also done in one day.

Finally **Write SRS document** is the last phase of this category and it’s also done in one day which means it was started and finished on 25 March 2016.

So after this phase was done the milestone was in 25 March 2016 as we **submitted the SRS document.**

**System Planning**

As we have started this phase on 28 March 2016 and it’s done by 08 April 2016. The duration is 10 days. Below is the detailed planning phase with its duration described.

**Conduct precedence analysis** is the first phase of this category and it’s done in two days. It was started and finished on 28 March 2016 and was done by 29 March 2016.

**Work breakdown structure, sequencing and time forecasting** is the second phase of this category and it’s done in two days.

**Identify resources and budgeting** is the third phase of this category and it’s done in one day.

**Resource allocation and scheduling** is the fourth phase of this category and it’s done in one day.

**Conduct quality control** is the fifth phase of this category and it’s done in two days.

**Write report** is the last phase of this category and it’s done in two days.

So after this phase was done the milestone was in 08 April 2016 as we **submitted the project plan, Gantt chart and report.**

**System Design**

As we have we have started our System Design on 08 April 2016 and it’s done by 19 April 2016. The duration is 7 days. Below is the detailed planning phase with its duration described.

**Determine web application architecture** is the first phase of this category and it’s done in one day.

**Design user interface** is the second phase of this category and it’s done in one day.

**Identify input, output and process** is the third phase of this category and it’s also done in one day.

**Identify internal and external controls** is the fourth phase of this category and it’s also done in one day.

**Content Design** is the fifth phase of this category and it’s also done in one day.

**Content Validation** is the next phase of this category and it’s also done in one day.

**Design Validation** is the next phase of this category and it’s also done in one day.

So after this phase was done the milestone was in 19 April 2016 as we **submitted the System design documentation.**

**System Design** ends on 19 April 2016.

**Functionalities**

As we will start our Functionalities on 19 April 2016 and it’ll be done by 03 May 2016. The duration is 10 days. Below is the detailed planning phase with its duration described.

**Generalize system design documentation and install plugin** is the first phase of this category and it’s done in one day.

**Develop home and menu page** is the second phase of this category and it’s done in one day.

**Develop promotion and contact information page** is the next phase of this category and it’s done in one day.

**Connect database and develop login page** is the next phase of this category and it’s done in one day.

**Develop order and generating receipt page** is the next phase of this category and it’s done in one day.

**Develop order information page** is the next phase of this category and it’s done in one day.

**Develop customer personal information page** is the next phase of this category and it’s done in one day.

**Develop user reviews and ratings page** is the final phase of this category and it’s done in one day.

So after this phase is done the milestone will be in 03 May 2016 as we will be done with our **System prototype.**

**Testing**

As we will start our Testing on 03 May 2016 and it’ll be done by 09 May 2016. The duration is 04 days. Below is the detailed planning phase with its duration described.

**Functionality test, compatibility test, performance test, unit test, integration test, system test, acceptance test, beta test, data validation** are altogether in this category.

So after this phase is done the milestone will be in 09 May 2016 as we will be done with our **Working prototype.**

**Publishing**

Publishing is our last stage and category of this project. We will start our publishing on 09 May 2016 and it’ll be done on that very day. So the duration is only 01 days. Below is the detailed planning phase with its duration described.

**Uploading site to server** will be done on 09 May 2016 and after that on that very day after **rehearsing** the Presentation the main **Presentation** will be done on 11 May 2016.

# Resource Sheet Report

For the Delicious’s web application project, there are a total of 31 resources that was and will be used for this project. The resources can be divided into two categories, which are work and type. In the type work, there are a total of 11 resources, whereas in the type material there are a total of 20 resources. The 11 resources for work type are such as system analyst, system designer, programmer, project manager, web designer, database administrator, network administrator, quality assurance, system support and security, stakeholders and tester. System analyst is an IT professional who specializes in analyzing, designing and implementing information systems. System analysts assess the suitability of information systems in terms of their intended outcomes and liaise with end users, software vendors and programmers in order to achieve these outcomes. The standard pay rate for system analyst for this project is RM1 19 per hour and the total salary for this project would be RM 3040. System designer create detailed design documentation for the development and integration of computer systems to meet the needs of businesses. The standard salary for system designer for this project is RM 20 per hour and the total salary for this project would be RM 1760. Programmer creates and modifies computer programs by converting project requirements into code. The standard salary for programmer is RM 25 per hour and the total salary for this project would be RM4000.Project manager is the person responsible for scheduling and planning the task and resource allocation. The standard salary for project manager would be RM 38 per hour and the total salary for this project would be RM 2432. Web designer are person writing and editing content, designing webpage layout, determining technical requirements, determining technical requirements, updating websites, creating back up files and solving code problems. The standard salary would be RM 13 per hour and the total salary for this project would be RM 1114. Database administrator are people who development and design of database strategies, system monitoring and improving database performance and capacity, and planning for future expansion requirements. They may also plan, co-ordinate and implement security measures to safeguard the database. The standard salary would be RM 21 per hour and the total salary for this project would be RM 2352. Network administrator are people who carry out activities and tasks such as network address assignment, management and implementation of routing protocols such as ISIS, OSPF, BGP, routing table configurations and certain implementations of authentication. It can also include maintenance of certain network servers such as file servers, VPN gateways and intrusion detection systems. The standard salary for network administrator is RM 21 per hour and the total salary for this project would be RM 1512. Quality assurances are people who work with other staff within organizations to determine and establish procedures and quality standards and to monitor these against agreed targets. The standard salary for this project would be RM 5 per hour and the total salary for this project would be RM 40. System security and support is people responsible for a wide range of activities related to the stable and efficient operation of computing systems and also responsible for ongoing management of the enterprise information security program to ensure maintenance of data confidentiality and integrity and availability of all organizational systems. The standard cost for this job is RM 8 per hour and the total salary for this project would be RM 512. Stakeholders are people who are inside the organization, but usually outside of the project team, who are in some way affected by the project. Typically Stakeholders will be users of the output from a project or benefit from its introduction. They may also have to change their role, function or method of working as users of new systems, processes or products. Stakeholders might also be external customers and suppliers, as they might be directly affected by the changes resulting from a project. Stakeholders could include those who identified the need for project activity.There is no standard pay rate for the stakeholders, therefor, no total cost required. Testers are people who will be testing the web site, whether to see, does it meets their requirements and are they happy with the project. The standard salary is RM 5 per hour and the total salary for this project would be RM 192. The 20 resources for material type would be CD laser printer, 500 GB external hard disk, 16 GB pendrive, toner, A4 paper, Adobe Dreamweaver CS6, Microsoft Office 2013, Microsoft Project 2013, QSEE SyperLite, Adobe Photoshop CS6, Apache server with Xampp v3.2.1, web browser, personal computer, router, access point, database server, web server, PostfreSQL server and Internet. CD is used to burn the document for the whole project. The standard cost for this material in the project would be RM 1 and the total cost for the material in the project is RM 1. Laser printer is used to print the document is hardcopy required. The standard cost for this material in the project would be RM 400 and the total cost for the material in the project is RM 400. 500 GB external hard disk is used to store files as backup for the whole project. The standard cost for this material in the project would be RM 250 and the total cost for the material in the project is RM 250. 16 GB pendrive is also used to store files as backup for the whole project. The standard cost for this material in the project would be RM 60 and the total cost for the material in the project is RM 60. Toner is used in laser printer to print document. The standard cost for this material in the project would be RM 115 and the total cost for the material in the project is RM 115. A4 paper is where document is printed. The standard cost for this material in the project would be RM 10 and the total cost for the material in the project is RM 170. Adobe Dreamweaver CS6 is used to develop the web application for this project. The standard cost for this material in the project would be RM 1840 and the total cost for the material in the project is RM 1840. Microsoft Office 2013 is used to type and view the document for this project. The standard cost for this material in the project would be RM 400 and the total cost for the material in the project is RM 400. Microsoft Project 2013 is used for the project planning phase to plan activities, task and allocate resources for this project. The standard cost for this material in the project would be RM 100 and the total cost for the material in the project is RM 100. QSEE SuperLite is used to sketch diagram that is required for the project. The standard cost for this material in the project would be RM 0 as it is open source. Therefore, the total cost for the material in the project is RM 0. Adobe Photoshop CS6 is a graphical editing software used to edit photos and create logo. The standard cost for this material in the project would be RM 3200 and the total cost for the material in the project is RM 3200.Apache server with Xampp v.3.2.1 XAMPP is a free and open source cross-platform web server solution stack package, consisting mainly of the Apache HTTP Server, MySQL database, and interpreters for scripts written in the PHP and Perl programming languages. The standard cost for this material in the project would be RM 0 as it is open source. Therefore, the total cost for the material in the project is RM 0. Web browser is a software application for retrieving, presenting and traversing information resources on the World Wide Web. The standard cost for this material in the project would be RM 0 as it is open source. Therefore, the total cost for the material in the project is RM 0. Personal computer is used to view, edit and send document via the Net and burn files. The standard cost for this material in the project would be RM 4000 and the total cost for the material in the project is RM 4000. Router allows files to be shared via the Internet. The standard cost for this material in the project would be RM 100 and the total cost for the material in the project is RM 100. Access point allows to personal computer to connect to the Internet. . The standard cost for this material in the project would be RM 0 as there is no cost. Therefore, the total cost for the material in the project is RM 0. Database server allows storing files and folders for this project. The standard cost for this material in the project would be RM 0 as there is no cost. Therefore, the total cost for the material in the project is RM 0. Web server allows for hosting the web site that will be developed. The standard cost for this material in the project would be RM 0 as there is no cost. Therefore, the total cost for the material in the project is RM 0. PostgreSQL server is used to run both the web and database servers and handling the expected traffic. The standard cost for this material in the project would be RM 0 as there is no cost. Therefore, the total cost for the material in the project is RM 0. Internet allows connecting to the World Wide Web to share and get information for the project. The standard cost for this material in the project would be RM 100 and the total cost for the material in the project is RM 600. The total standard cost for all the work and material are RM 10801. The total standard cost for work is RM 175 and the total standard cost for material is RM 10626. The total cost for work and material for the whole project is RM 28180. The total cost for work in the whole project is RM 16944. The total cost for material in the whole project is RM 11236.