

IT Consulting – Service Sales

PC Guy

By: Santos Covarrubias & Trenton Lemon

ITC 250/CPET 499 Web Systems (12/13/16)

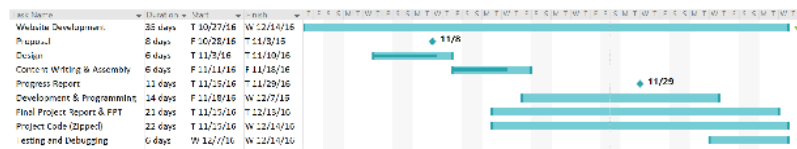
## Report Summary

- Built a website that advertises, markets and sell PC related goods and services.
  - The website is easy to navigate and understand.
- Built a website that offers price list of available hardware and hardware related services.
- Built a website that offers a price list of available software and software related services.
- In the website, we included a homepage about us so our clients can get familiar with us.
- Build a database that will take the information that is input into a table and save it in a selected database.

# Project milestones/Timeline

## Project Milestones and Deliverables

MILESTONE/DELIVERABLES	ESTIMATE OF DURATION	START DATE	DEADLINE
Website Development	35 days	10/27/16	12/14/16
Proposal	8 days	10/28/16	11/8/16
Design	6 days	11/3/16	11/10/16
Content Writing & Assembly	6 days	11/11/16	11/18/16
Progress Report	11 days	11/15/16	11/29/16
Development & Programming	14 days	11/18/16	12/7/16
Final Project Report & PPT	21 days	11/15/16	12/13/16
Project Code (Zipped)	22 days	11/15/16	12/14/16
Testing and Debugging	6 days	12/7/16	12/14/16



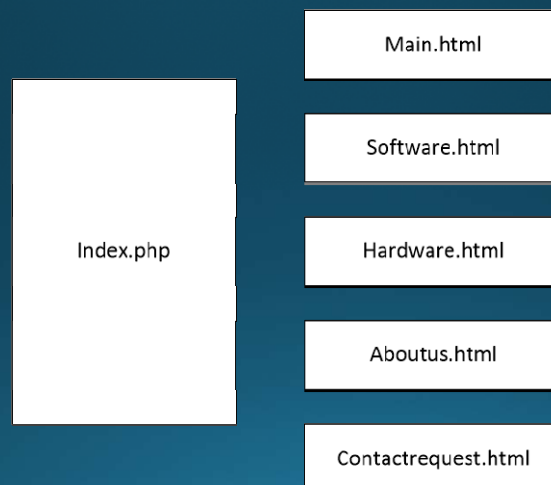
## System Requirements

- System Must Promote IT firm Hardware
- System Must Promote IT firm Software
- System Must store quote requests via database
- System Must Greet New Guests/potential clients
- System Must track and record new visitors
- System should be easy to navigate
- System should be visually appealing

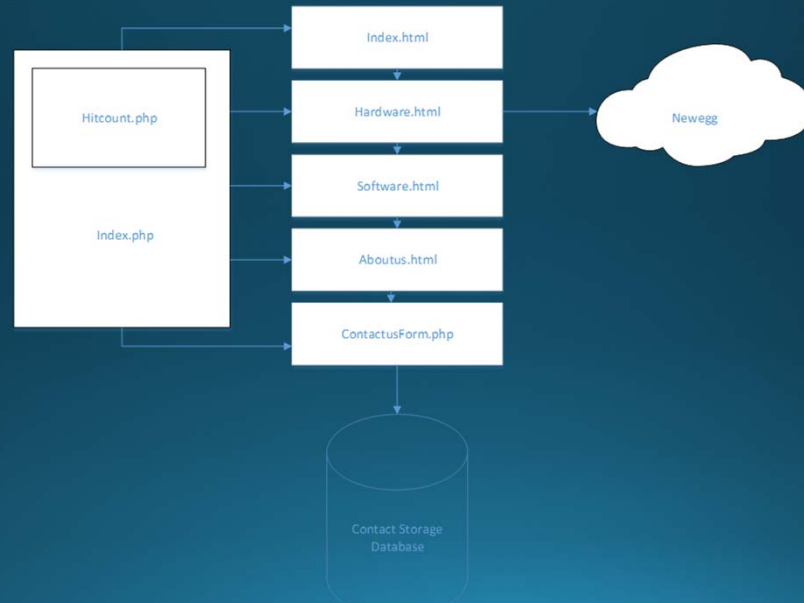
# Software Programming Tools

- Notepad++
- XAMPP
- Apache Webserver
- MySQL
- Adobe Dreamweaver CS6
- Microsoft Project 2016
- Microsoft Virtual Machine
- Parralles (used for virtual machine)

# Web System Design



# Web System Design




## Web System Design / Data Table

Index	Auto Number
Name	Short Text
Email	Short Text
Message	Long Text

# Implementation and Testing

### About Us

Home Software Hardware About Us Get a Quote



Santos Covarrubias

This is where we can write stuff about us.

### PC Guy

Everyone needs a 'PC Guy'

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### Software Products

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Product	Description	Price
System Mechanic	<ul style="list-style-type: none"> <li>PC Maintenance</li> <li>AntiVirus</li> <li>Online Backup</li> <li>Search &amp; Recovery</li> <li>Drive Scrubbing</li> </ul>	\$39.99
Microsoft Windows 10	Newest operating system from microsoft	\$19.99
Microsoft Office	<ul style="list-style-type: none"> <li>Microsoft Excel 2016</li> <li>Microsoft Word 2016</li> <li>Microsoft PowerPoint 2016</li> <li>Microsoft OneNote 2016</li> <li>Microsoft Outlook 2013</li> </ul>	\$39.99
Microsoft Access	Desktop Database Service from Microsoft	\$39.99
Microsoft Project	Project planning software from Microsoft	\$39.99
Desktop Database Design	Design and implementation of Access Database to your specifications. <i>Microsoft Access Included</i>	\$499.99

All our parts are purchased and priced through Newegg

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Product	Description	Price
Custom PC	<ul style="list-style-type: none"> <li>Choice of Chassis</li> <li>Choice of Motherboard</li> <li>Choice of CPU Processor</li> <li>Choice of Power Supply</li> <li>Choice of RAM</li> <li>Choice of Video Card</li> <li>Choice of Storage</li> </ul>	Parts + \$79.99
Computer Case	Houses the computer and protects the components from dust/damage while providing proper airflow for cooling.	\$99.99/99.99

## Lessons Learned

- Tasks take longer than expected
- Do not under-estimate the complexity of a task.
- There is never too much debugging.
- More debugging time should have been added to our time line.
- Extra reading on databases would have been helpful.
- Learned how to work with someone else on a website and merge the progress made by two individuals to end up with one website that is up-to-date.

## Conclusion

- In conclusion, this project helped us build a multi-purpose IT consulting firm webpage. This website is going to help our company to market itself to their potential consumers as well as allow the guests to contact and request direct quotes from the firm. We learned many valuable lessons from this project, as time management and communication. This project will help my partner and I in our future careers.

## References

- Hosting, SiteGround Web. "How to Create Database with PhpMyAdmin Tutorial." *How to Create Database with PhpMyAdmin Tutorial*. SiteGround, 12 Mar. 2014. Web. 10 Dec. 2016. <[https://www.siteground.com/tutorials/phpmyadmin/phpmyadmin\\_create\\_database.htm](https://www.siteground.com/tutorials/phpmyadmin/phpmyadmin_create_database.htm)>.
- HTML5 Tutorial. (n.d.). Retrieved December 13, 2016, from <http://www.w3schools.com/html/default.asp>