Research Report

Case Study

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# Introduction

During our work, we have encountered some problems. To solve them, we needed to

* 22/03/2020 14:00-17:00

Started project plan, discussed case study.

* 27/03/2020 15:00-16:30

Worked on project plan.

* 29/03/2020 13:00-17:00

Worked on project plan, DHCP server and installed Firewall. Configuration of the firewall.

* 30/03/2020 15:00-20:00

Configuration of the firewall.

* 31/03/2020 15:00-19:00

Working on the project plan. Started design document.

* 02/04/2020 14:00-16:00

Added more users, configuration of the group policies.

* 06/04/2020 14:00-17:00

Meeting with project mentor. Fixing project plan, expanding design document

* 08/04/2020 15:00-17:00

Configuration of the group policies.

* 09/04/2020 13:00-15:30

Researching info for the application, making folder redirection on the server

* 10/04/2020 13:00-17:30

Putting a lot of effort into making Folder redirection work. Asking teacher for help.

* 11/04/2020 13:00-15:00

Started making VPN

* 12/04/2020 13:00-19:00

Updating design document, testing VPN.

* 16/04/2020 13:00-20:00

Testing, polishing everything that was done.

* 17/04/2020 14:00-16:00

Trying to make IDS work, configuring Linux

* 18/04/2020 13:00-15:30

Researching libraries for the application, discussing.

* 19/04/2020 13:00-19:00

Started making application. GUI. Backups of the server

* 21/04/2020 14:00-20:30

Finishing design document. Making application. Getting system information.

* 22/04/2020 13:00-21:00

Polishing design document. Application – getting system information in a real time.

* 23/04/2020 14:00-20:30

Polishing design document. Writing Research Report. Application – making graphs.

How much users do you want?

What name of the users do you want?

What color theme of the application you prefer?

What do you prefer more: Tabs or Open Windows? TABS

Do you want to have statistics minimalistic or more detailed?

What do you want to see in Users?

What passwords for the users do you want?

Do you want users to use VPN to connect directly to certain VMs?

Are you satisfied with wireframe?

How to configure Linux network interface?

Why folder redirection is not working?

Why group policy is not applied?

Where should we store backups?

What for should we use database?

How to professionally use Tkinter?

Work Division

|  |  |
| --- | --- |
| Robert | Dima |
| Installed VMs | Application GUI |
| Backup policies | VPN |
| Users, Group Policies | Configured Linux Server |
| DHCP, DNS | Application Graphs |
| Firewall, Proxy |  |
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