**Project Outline**

**Introduction**

The project aims to deploy OpenProject, an open source , within a network environment comprising a Windows domain controller, the OpenProject collaboration tool on a Linux server, and multiple client machines. This semester-long group assignment requires careful planning, execution, and presentation to demonstrate the effectiveness of the deployed tool.

**Project Details**

* Group Number: 4
* Total Members: 4
* Team Leader: Meet Patel

**Project Members:**

1. Meet Dilipbhai Patel - 8939379

2. Rishi Rameshbhai Patel - 8940502

3. Akash Mistry - 8921970

4. Aagam Sanjay Shah – 8935540

**Project Topology**

A diagram of a computer system

Description automatically generated

**Project Objectives**

* Research, select, and deploy the OpenProject .
* Set up a Windows domain controller.
* Configure the Linux server to host OpenProject.
* Connect multiple client machines to the network infrastructure.
* Prepare a highly detailed presentation demonstrating the deployment process and its effectiveness.

**Project Execution**

1. Tool Research and Selection:

* Research the features and benefits of OpenProject .
* Select OpenProject for deployment based on its capabilities.

2. Infrastructure Setup:

* Set up a Windows domain controller.
* Configure network settings and security measures.

3. OpenProject Deployment:

* Install and configure OpenProject on the designated Linux server.
* Ensure integration with the Windows domain controller.

4. Client Machine Connection:

* Connect multiple client machines to the network.
* Test connectivity and functionality of OpenProject on client machines.

5. Presentation Preparation:

* Develop a highly detailed presentation outlining the deployment process.
* Utilize preferred resources such as PowerPoint or Microsoft Visio.
* Address technical expectations of the IT manager in the presentation.

**Project Cost**

* Hardware Cost:
  + Cost of servers, network equipment, and client machines.
  + Software Licensing:
  + OpenProject may require additional modules or support subscriptions.
  + Windows domain controller and server software licenses.
  + Resources/Labor:
  + Costs associated with IT professionals' time and expertise.

**Project Benefits**

* Enhanced Productivity:
  + OpenProject helps manage meetings, calls, events, and contact information, enhancing user productivity.
* Process Automation:
  + OpenProject automates processes using workflows, streamlining business activities such as sales, time control, and project management.
  + Customization and Insight:
  + Users can add any feature their company needs and create charts, tables, and graphs to gain valuable insight into business performance.

**Project Timeline**

* Week 1-2: Project Planning and Research
* Assign project roles and responsibilities.
* Research OpenProject and network compatibility.
* Week 3-4: Infrastructure Setup
* Set up Windows domain controller.
* Configure network settings and security measures.
* Week 5-6: OpenProject Deployment
* Install and configure the OpenProject on a Linux server.
* Test integration with Windows domain controller.
* Week 7-8: Client Machine Connection
* Connect client machines to the network.
* Test connectivity and functionality of OpenProject on client machines.
* Week 9-10: Presentation Preparation
* Develop a detailed presentation outlining the deployment process.
* Address the technical expectations of the IT manager.
* Week 11-12: Presentation and Walkthrough
* Deliver a presentation to IT manager.
* Demonstrate functionality of deployed infrastructure.
* Week 13-14: Documentation and Conclusion
* Document final adjustments and conclusions.
* Submit final documentation and project outline.

**Conclusion**

The project aims to successfully deploy the OpenProject within the specified network environment. Through careful planning, execution, and presentation, the team intends to demonstrate the effectiveness of OpenProject in enhancing communication, productivity, and business processes. The project's benefits include enhanced productivity, process automation, and customization capabilities.