DVA313 – Software Engineering 2: Project Teamwork

Headlines

INTRODUCTION

**PROJECT 5: A CLOUD-NATIVE
PERFORMANCE MONITORING SYSTEM**

**CLIENT : RISE - RESEARCH INSTITUTES
OF SWEDEN**

The goal of the project is to develop a cloud-native software system which monitors the performance of a virtual machine or container running on a hypervisor. The performance information should be written to a log file but also visualized through a dashboard where the user can configure the monitoring.
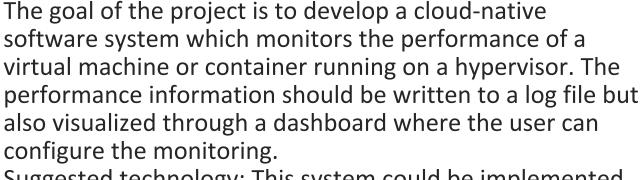
Suggested technology: This system could be implemented on Xen virtualization technology (hypervisor) and OpenStack open-source cloud platform. Alternatively, it could be implemented on Amazon cloud platform (AWS).

PROJECT DESCRIPTION

1. Roland Plaka
2. Gezim Cako
3. Sandra Eriksen
4. Ville Svensson
5. Gunnar Andersson
6. Emil Larsson
7. Johan Karlsson

GROUP MEMBERS

GROUP BACKGROUND AND AMBITION

- Emil Larsson – DVP, and ambition level 3
- Ville – DVP, ambition level 5
- Gunnar – DVP, ambition level 5
- Roland – Security and Network, ambition level 5
- Gezim – Informatics, Economics, and database experience ambition level 5
- Sandra – DVP – ambition level 3
- Johan – DVP, ambition level 3

PRE-PLANNING

09.11.2020-Online Meeting (13:00 - 16:00):
1.Introduction between group members
2.Contacting with the client and awaiting an answer regarding setting up a meeting. We need more information regarding the actual assignment from the client before we can divide the work
Decisions:
1.Project Manager : Emil Larsson
2.Daily Communication Channel : Discord Application

PRE-PLANNING

10.11.2020-Physical Meeting on Campus (14:15-16:15):
Decisions:
Platforms we will use are:
1. Git for version control, Github for hosting
2. Discord for communication
3. Trello for project overview/scheduling
4. Google Drive for storage of documents
Main Roles
1. Project Manager : Emil Larsson
2. GitHub Manager: Gunnar Andersson

1. The role distribution will be done after the meeting with the client.
2. We will start with project scheduling and planning phase.

DISCUSSIONS

QUESTIONS

1. If we decide to have a scrum master is it best if the project manager is the scrum master as well?
2. Are there any additional roles that you recommend for this project type?
3. Is there a template for how we should handle the documentation?
4. In project planning should we just include the technical part or is it important to include more general areas?

DOCUMENTATION

1.Project manager prepared the meeting protocol.
2.We will have a weekly meeting resume, reporting our tasks done, in process and to be done.