RadWare Project

**Project domain**:

Dev Web portal, to be used by development, QA & DevOps groups on day to day work.

**Project Description:**

CM (Configuration management) team is responsible to all Radware developments, developed by dev group & delivered to Radware’s customers. As part of it, we are responsible for dev’s infrastructure, tools, as well as dev & product ALM (Application Life Management) processes.

As part of increasing visibility, productivity & management control, we are looking for an extendible web portal infrastructure to integrate with CI systems (git/ Jenkins/ artifactory / ELK /Rallly etc) and reflect dev groups’ day to day work. That portal should act as a one stop shop.

**Main challenges:**

         Gather different stakeholders requirements (Dev, QA, PM, DevOps)

         Design a solution to fit 80% percent of requirements.

         Provide an inviting portal with an inviting UX.

         Integrate with existing & future ALM tools.

         Provide data analysis per group domain.

**Scope:**

This portal will be used for a different kind of users with a several types on requirements:

For CI /Managers –

A.      Reflect & analyze storage consumption & growth, in order to prevent expected failures & plan storage purchasing.

B.      Reflect overall build status per product (~6 different products) & analyze it in order to foresee coming risks & pain points.

C.      Access point for CM tools & systems for adminig day to day dev’s work.

For Dev -

A.      Expose with better visibility products’ build results & build health

B.      Track bugs / feature

C.      Update for major issues / findings/ updates.

D.      Documentation access point

E.       Builds / QA statistics access point

F.       Analyze dev productivity in terms of builds / codes / feature additions per group.

For QA –

a.       Reflect builds’ result status

b.       Connect builds to QA testing results

c.       Reflect product health on QA perspective

פרויקט זה מפותח בצוותי הDEVOPS תחום מתפתח ומבוקש מאוד היום.

החניכים ילמדו בנוסף לאספקטים הטכניים גם את המהות שלהיות DEVOPS קרי תפיסת החשיבה המיוחדת , דבר שקשה אם בכלל להקנות אותו בזמן לימודים.

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