

**System evolution:**

Critical chain project management is the core on which our software is based. The first task our team is focused on is the development of the VPM graph which gives a visual representation of the project status. The graph needs to be developed in a way that multiple tasks and higher workloads are computed with adequate speed, performance and scalability. The current VPM software is based on http and requires a transition to more secure https, but in future even more secure servers might be available and the project will therefore be created in a way that most of the components of the code are reusable. In addition the product needs to be created in a way that it can have utility ranging from a web-app to a multiple OS application. Furthermore, with advancements in technology and methods the VPM model we are creating might need future updates, therefore it needs to be created with the flexibility of adding new attributes so that it is prone to future updates.