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Homework #4 – Rational Unified Process

The Rational Unified Process (RUP) is a model that is designed to be fluid. It is meant to change based on the specific needs of each project respectively, as well as have specific phases and building blocks in which the project will be completed. Again, these building blocks are very mobile based on the project, as well as the phases; in general, the main phases include an inception phase, elaboration phase, construction phase, and transition phase.

The main advantage of RUP is its ability to be dynamic. It can shift and alter based on alterations to the projects goal because it is very fluid, as mentioned before. In addition, since it is more diverse, it emphasizes a need for accurate documentation to keep the different phases and expectations of each phase in order.

The main con of RUP is it is confusing. It requires experienced individuals in order to create something of productivity and not getting lost in tasks that must be done. The need for employees to fully understand the requirements of each phase is important or the plans made may end up unobtainable as well. In addition, it is harder to follow in general for new employees joining mid-process since it is so undefined and open to revisions.

References:

Banks, F. (2020, November 11). *What is Rational Unified Process And How Do You Use It?* Airbrake. https://airbrake.io/blog/sdlc/rational-unified-process