

Imagine that this (Aroha Explore) is a real project. How can a software development process make sure that the application will be of high quality? Briefly describe five concrete ways in which a process can help (no more than 3 sentences for each of the five ways).

1. Iterations - Creating iterations where each iteration is an improvement can improve the overall quality of the application. Iterations can allow increments of improvement of the application over time. This encourages refactoring and improvement increasing the overall quality of the application.
2. Feedback - Getting feedback during development is very important as it can indicate if the application is suiting requirements. Feedbacks can also improve the application as you would get feedback from different views. These improvements will increase the quality of the application.
3. Scheduling and Estimating - the software development process allows developers to estimate the amount of time required to achieve a task. This estimation allows developers to estimate the amount of time required to finish a task in the highest standards. If this project has a deadline, developers can schedule more time to more important components to ensure higher quality in those components creating a higher quality application.
4. Quality assurance (Testing)- in the software development process testing is an important part and should be planned and prepared. Testing is a systemic method to check for defects in the application. This testing allows the application to be of higher quality as defects would be caught before deployment.
5. Modelling - this allows developers in a software development process to design and analysis best practices for the requirements before constructing the application. This can result in a higher quality application as developers would better understand the application and the application would be built on better foundations suited the task.