

Software Process Models

The software development process model which we have selected is Incremental development model. As it is very efficient for our Real time metropolitan Bus route finding system (CHOLO).

As we know in incremental model the development and delivery is broken down into increments. Each of the increment delivers part of the required functionality. It gives priority to user requirements. In our opinion, this model is perfect for our project. Using incremental model may help us to understand the needs of both the service provider and the end user. As this software is mainly designed for every people, it may also help us to develop an app which is easy for them to use. This model will also give us the chance to add new features to the app in future which is not possible by using Waterfall model or V-model.

There are numerous advantages of incremental development model. It helps us to deliver the core product first. We can deliver customer value with each increment. So the system functionality is available earlier. As we need to conduct a bunch of testing, the final system is well developed. This model is also cost efficient. This model has a lower risk of overall project failure.

So we believe that for the reasons mentioned above, we should use this model.