# Methodology -RUP

**Rational Unified Process because:**

* Iterative – *the narrowing down of options with each iteration and phase.*
* Milestones – *goals to achieve per iteration and phase.*
* Adaptive *– allowing for the project to evolve in an agile fashion.*
* Requirements Gathering – *functional and non-functional.*
* Unified Modelling Language – *clearly and visually communicate requirements and designs.*
* Use Case Scenarios – *functional requirements evolve into test cases.*
* Risk Analysis for each iteration – *to ensure the best possible solution is recommended.*
* Iteration Planning *– Scheduling adapts as the project progresses*
* Iteration Review – *What worked, what didn’t, how can we improve the next iteration?*
* Change Control – *Track, approve/reject required changes; mitigate risk of scope creep.*