**IDEATION DOCUMENT**

**Team Name**: Brainwave

**Team Size**: 3

**Team Members**: Roopali Mishra ,Tanmay Shriwas and simranjeetsingh saluja

**Problem Statement title**: Method Trace Analyzer

**Scope of work in the opted problem statement:**

The team has developed a GUI as front end where the user will enter the file name, one for passing case and one for failing case. After the files names have been entered,the trace files are formed and converted to respective log files. Log files are read to perform various functionalities of Method Tracer namely, detection of exception, stack trace, execution time of methods and count of number of times a method is invoked, are shown as output.

**Technologies/Platform/APIs planned to use:**

1. Eclipse Photon
2. Window Builder
3. Open JDK with OpenJ9

**Architectural flow of the proposed solution**

