AMITY UNIVERSITY

-----UTTAR PRADESH-----

Amity School of Engineering and Technology

Minor Project

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Industry Guide

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Project Information

1) Project Duration : **(113 Days)**

      a)   Date of Summer Internship commencement **(13/07 /2020)**

      a)   Date of Summer Internship Completion **(02/11 /2020)**

2) Topic

Linter for Enforcing Downstream Checks

3) Project Objective

During the maintenance of the Ruby packages in Debian, several issues in upstream codebases have been identified that make it difficult to build a Debian package out of Ruby gems. The main goal of this project is to provide a tool to automatically detect those issues and report them upstream.

4) Methodology to be adopted

Ruby, AST, Linting, CI

5) **Brief Summery of project(***to be duly certified by the industry guide***)**

The Debian Ruby team has a lot of experience in package Ruby projects for Debian. During this work, they identified several issues in upstream codebases that make it more difficult to build a Debian package out of Ruby gems. This project has two goals: 1) raise awareness of those issues among upstream maintainers in the Ruby community, so that the lives of Debian maintainers, and of distribution maintainers in general, is easier; and 2) provide tools to automatically detect those issues, and fix them if possible.

Signature
(Student)

Signature
(Industry Guide)

Signature
(Faculty Guide)