Project Work Book
(Guidelines and Log)

Fourth Year Computer Engineering

Year 2016 - 2017

Group/Project ID:

Team Members:
1. ALOK SINGH
2. PANKAJ KUMAR
3. ROHIT RAWAT
4. YOGESH IRALE

Project Title : Implementation of UI for LL(k) parser generator.

Project Guide : Prof.(Dr.) S. R. Dhore

Area of the Project: Parser Generations

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Annexure V: Project Report Cover page/ Title page

Project Report
On

Implementation of UI for LL(k) parser generator

by

Alok Singh (B120224205)
Pankaj Kumar (B120224237)
Rohit Rawat (B120224247)
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Under the guidance of

Prof. S. R. Dhore

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SAVITRIBAI PHULE PUNE UNIVERSITY
2016-2017

Annexure VI : Project Approval sheet

PROJECT APPROVAL SHEET

A

Project

on

Implementation of UI for LL(k) parser generator

Is successfully completed by

Alok Singh (B120224205)
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at

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Prof.(Dr.) S. R. Dhore
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Annexure vii: Report Documentation

Report Documentation			
Report Code: CS-BE-Project 2016-2017		**Report Number: <11>**	
Report Title: Implementation of UI for LL(k) parser generator			
Address (Details): **Army Institute of Technology, Digh Hills,Alandi Road, Pune,Maharashtra-411015.**			
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Year: 2016 – 2017 **Branch:** Computer Engineering			
Key Words : Regular Expression, Abstract Syntax Tree,Context Free Grammar, Bottom up parsing, First and Follow, Production rules, Grammar Tree, Parser, LL(K) Grammar.			

Type of Report: **FINAL**	Report Checked By:	Report Checked Date:	**Guides Complete Name:** **Prof.(Dr.) S. R. Dhore**	Total Copies **3**

Abstract: A visual parser-generator application for generating parsers without any textual grammar specification, script or code. Unlike other parser-generators, it represents parser rules as visual grammar trees with distinct icons for the grammar-tree nodes. This application provides facilities of generation of abstract syntax tree. Along with user friendly interface this application allows the user to store their grammar as back in an XML file that can be later used for reviewing, testing, or modification of grammar. This application accepts context-free grammars from the user for parser generation. It allows users to develop, edit and understand the working and flow of grammar languages and also facilitate them to test their own grammar that is user can made their own grammar and test on this application. This application is pretty user friendly and provide a handy graphical user interface environment in generating parse trees and action code generation.

NOTE –
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