BlackSheep: Plagiarism Detector
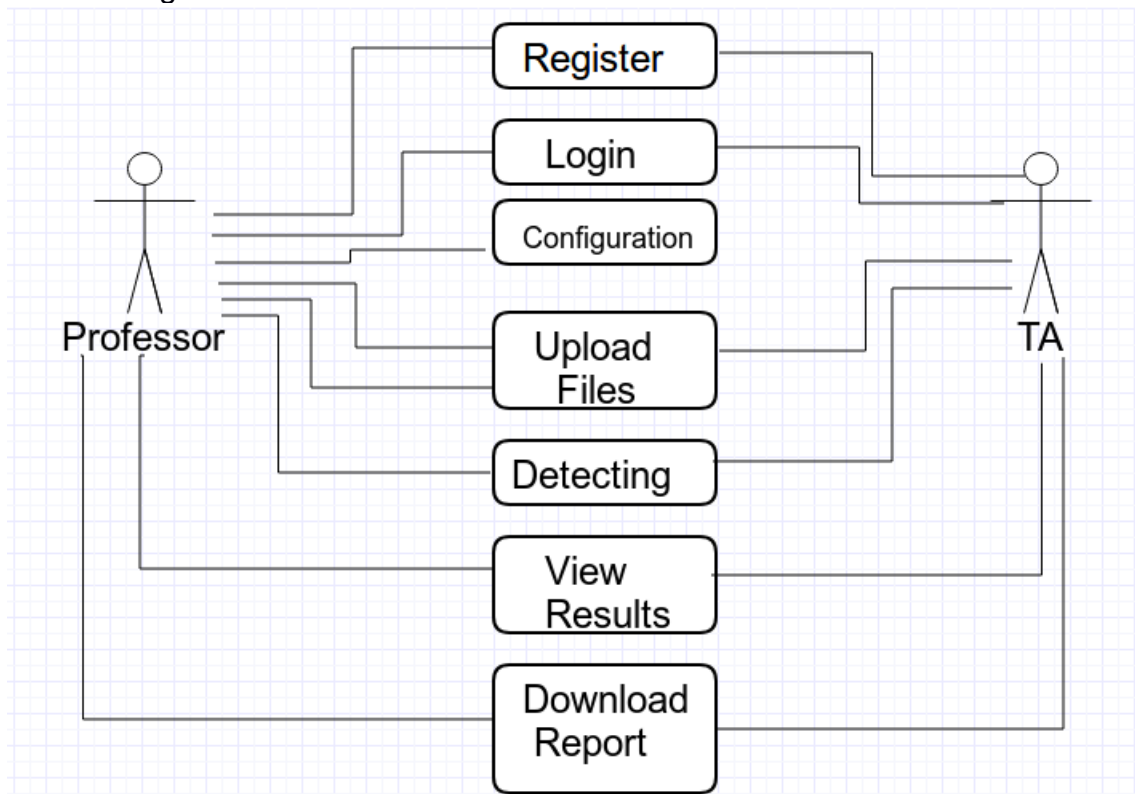
UML Diagrams

Team # 104
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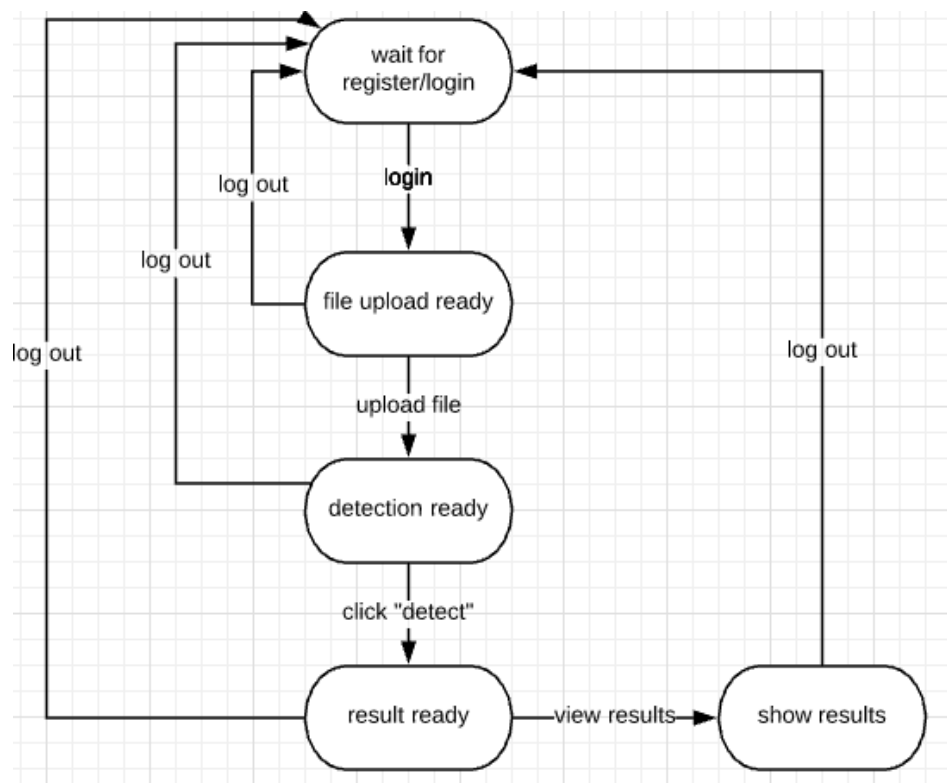**Athul Muralidharan**

UML Diagrams

1. user case diagram:
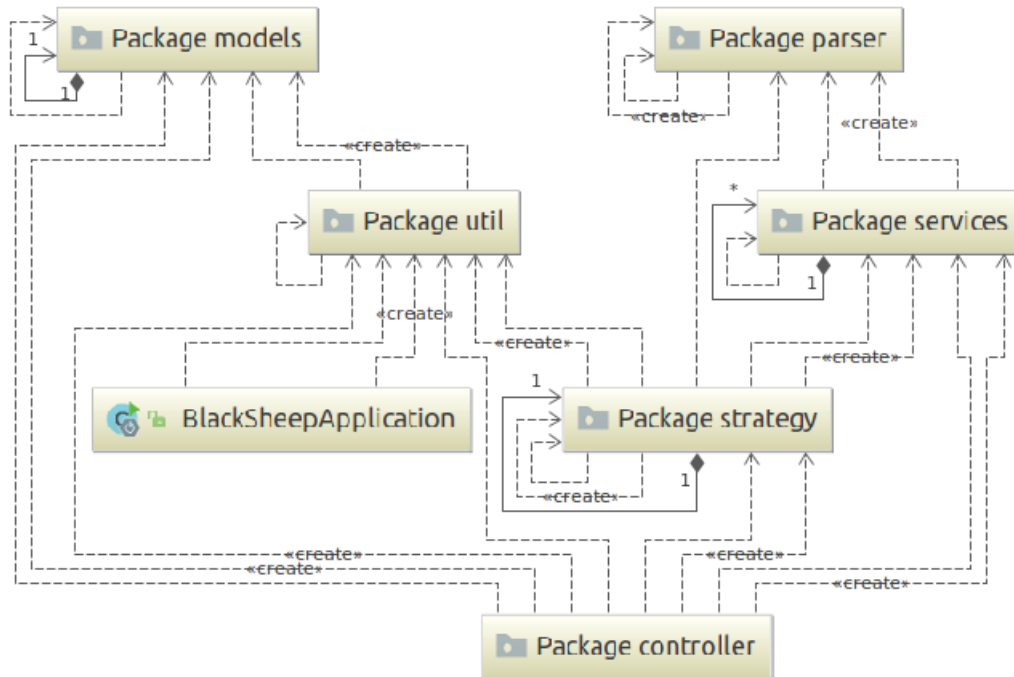

2. state diagram:

3. class diagram:
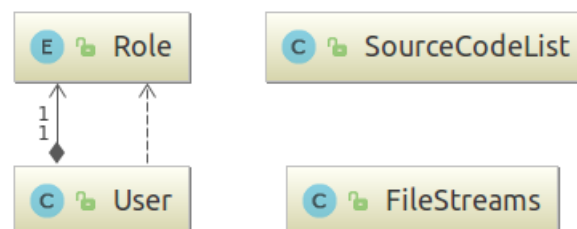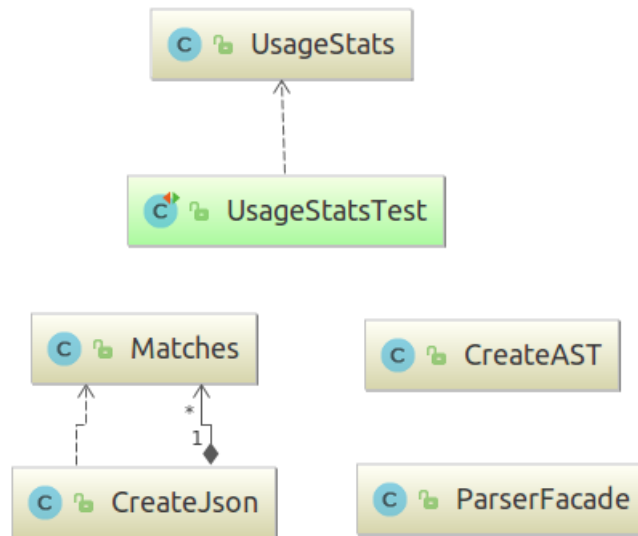### 1) the overall application

2) controller package

3) models package

4) parser package
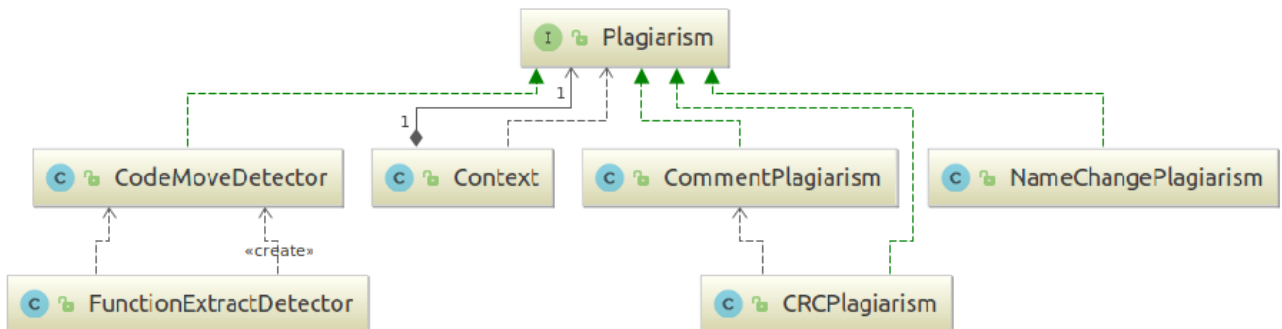
C 🔒 Python3Parser	I 🔒 Python3Listener

C 🔒 Python3Lexer	I 🔒 Python3Visitor

5) services package

C 🔒 UsageStats

C 🔒 UsageStatsTest

C 🔒 Matches	C 🔒 CreateAST

C 🔒 CreateJson	C 🔒 ParserFacade

6) strategy package

I 🔒 Plagiarism

C 🔒 CodeMoveDetector	C 🔒 Context	C 🔒 CommentPlagiarism	C 🔒 NameChangePlagiarism

«create»

C 🔒 FunctionExtractDetector	C 🔒 CRCPlagiarism

7) util package

C 🔒 EmailConfigUtil	C 🔒 Utility

C 🔒 EMailer	C 🔒 AWSutil

C 🔒 CalculateEditDistance

C 🔒 GetCodeJson