

# Aurora SDK – Web Based IDE

Submitted By:

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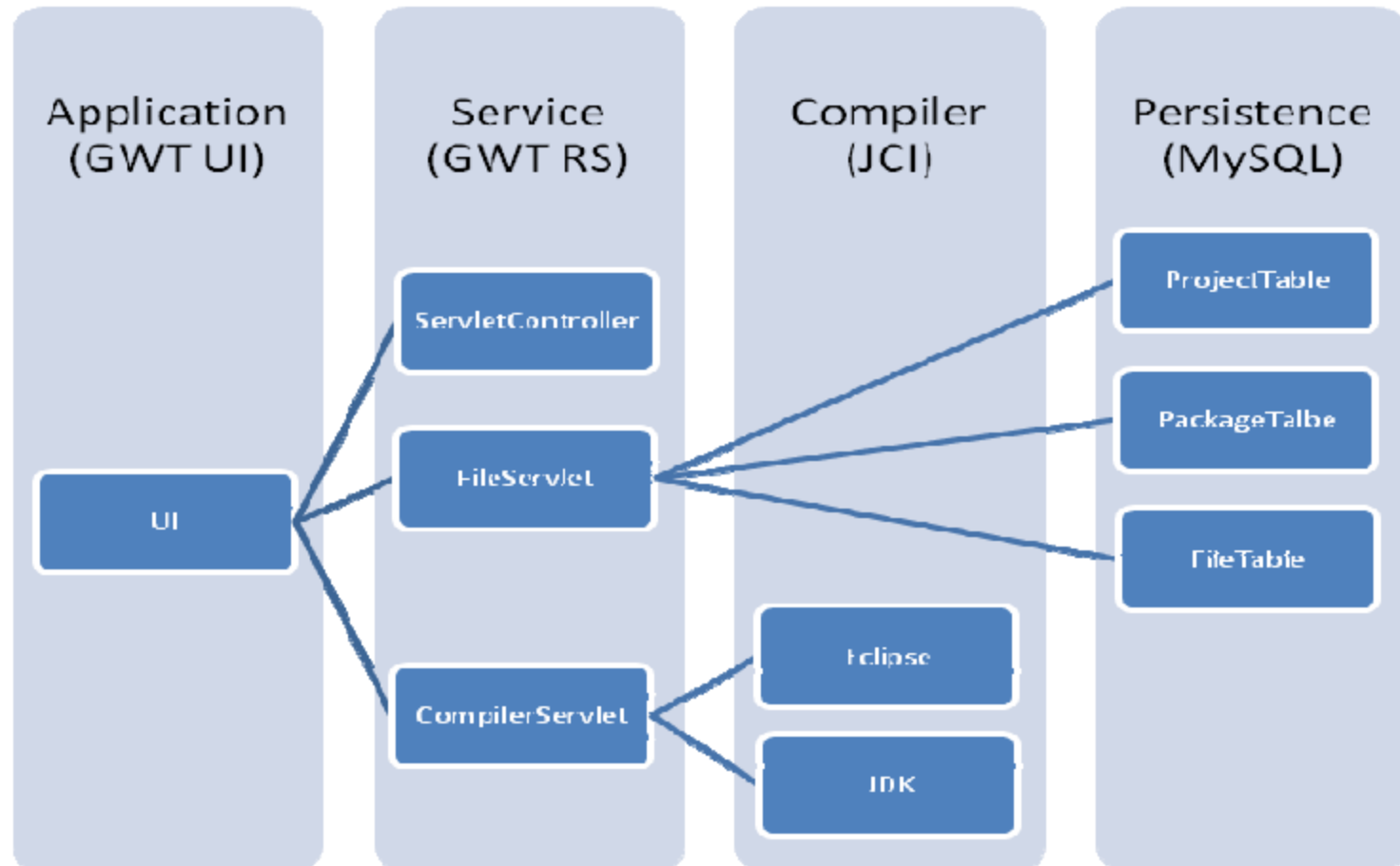
# Overview

- Web-based IDE for Java based applications
- Effort to provide Eclipse standard functionalities
- Implemented using: Google Web Toolkit (GWT), Servlet and MySQL
- Implemented two compilers: Eclipse and JDK

# Features

- Syntax highlighting
- Auto completion
- Compilation of Java code
- Compiles source code into byte code
- Allow compiled byte code download

# Architecture



# Architecture – cont.

- Application Layer: used GWT widgets to develop UI
- Service Layer: used GWT Remote Service
- Compiler Layer: compilers
- Persistence Layer: database (MySQL)

# Issues

- Does not support concurrent compilation
- Editor does not work properly in IE

Demo