











Kyriakos Kyriakow: 955420  
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Vivere™  
for EPL425: Internet Technologies

# Technology Assessment

## Technologies

	Android
	JAVA
	XML
	MySQLite
	JSON
	PHP
	MySQL
	RESTful Service

How we are going to use the above technologies:

**Android:** The smartphone application will be developed for Android OS devices

**Java:** The application will be coded using the programming language java.

**XML:** The user interface will be created using XML

**MySQLite:** The app will make use of local databases to store necessary information using MySQLite

**JSON:** The app will be able to parse JSON files coming as responses from a remote server.

**PHP:** PHP will be used to insert/retrieve information to/from the remote server

**MySQL:** The remote server will contain a MySQL built database.

**RESTful Service:** We will setup a service which will be responsible for the communication between the smartphone app and the remote server.



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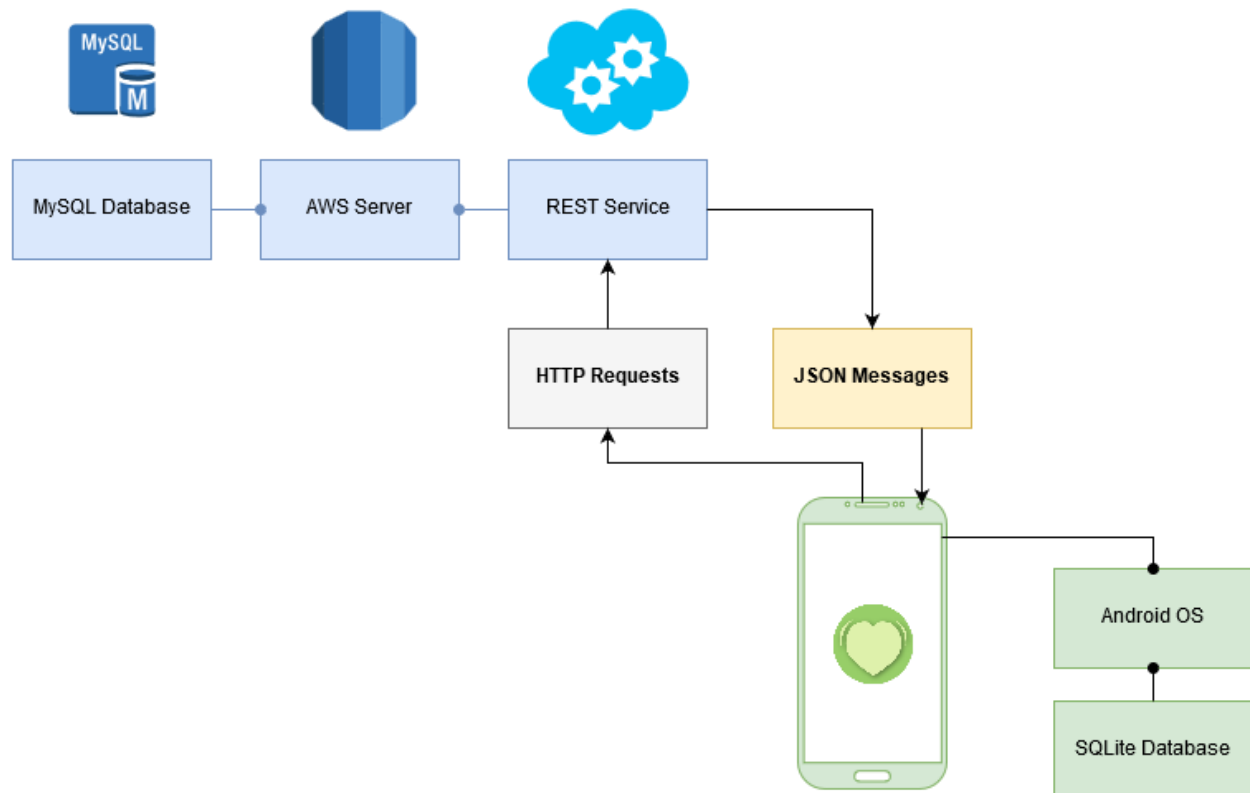
## Software Description

- The application runs on Android OS and uses SQLite for its local database.
- There is a server with a rest service implemented on it and a MySQL database.
- Vivere app sends an HTTP Request to Vivere® REST Service that process the request and then the service responds back with a JSON Message to it

## System Diagrams

Vivere

System Diagram







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## Mock-up Interfaces

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 **Manage Appointments**




 Dr Who




 Dr Strange



 Dr Campel




 Dr Papanikolaou




 Dr Zinonas


[Appointments](#) [Medication](#) [Exams](#) [History](#)

 **Medication**


Panatol




Fusicort




Placebo




[Appointments](#) [Medication](#) [Exams](#) [History](#)

 **Exams**


Blood Analysis




Diabetes



[Appointments](#) [Medication](#) [Exams](#) [History](#)

 **Doctor's Advice History**

Analysis - 03/10/16



Check up - 25/7/16

