

```
Create table 'java' (id int,  
                    name varchar(20),  
                    addre varchar(40))
```

SB print
2nd column

```
columnName[1] = "";
```

```
String tableName;
```

```
String [] columnName =new String[15];  
String [] columnsType=new String[15];
```

```
columnName[0] = "id";  
columnsType[1] = "varchar(50)";
```

```
StringBuffer buffer = new  
StringBuffer("Create table ");  
buffer.append(tableName);  
buffer.append("(");  
buffer.append(columnName[0])  
buffer.append(columnsType[0])
```

Markup Language

<database>

✓ <table attr
name = "java">

✓ <column>

<name> id </--

<type> int </--

<size> </-->

</column>

✓ <col--

</table>

Each meta info

① TableName, Col, Con, Col Size

② Java, id, int, name, varchar,
 ↑
 20

③ Test, name, varchar, 30

CSV

Extensible Markup Language

~~HTML~~ interrupted / ~~Compiled~~

ML ✓
XML ✓

Hyper Text Markup Lang..

HTML ✓
< HTML ✓
~~HTML~~ ✓
XML

data instructions

~~HTML~~

<body>

Passed

html ✓
X

XML does not have
any tag of its own

Specifications →

ML →

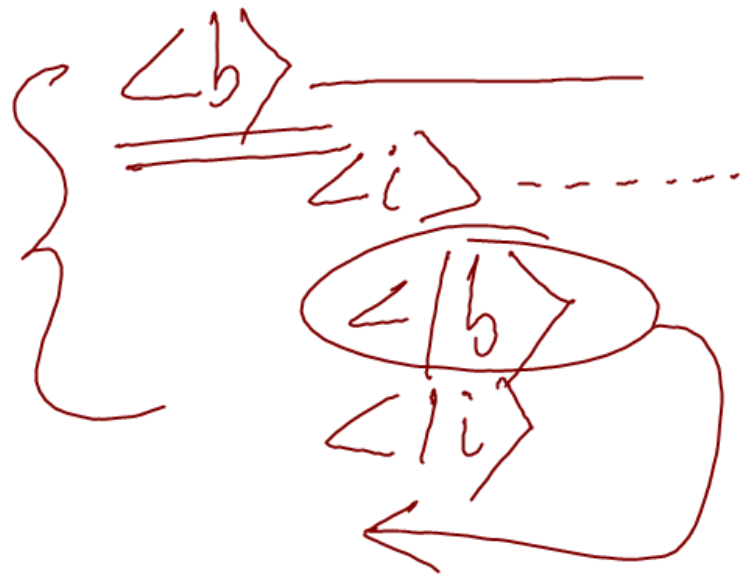
- ⟨database⟩
- ⟨table⟩
- ⟨/table⟩
- ⟨database⟩
- a)
- b)

- X - a) Well formed
- b) Valid

<body>

① Improper
nesting Not

X





XML

Building blocks/rules X
for an XML doc

→ { ELEMENT
ATTLIST

<database>
✓
<table name = " " >
 <column> (1)
 (n)
 </ >
 <table name >
 column
 <constraint>
 </ >
 </table>

XML

Parser (validate) → DTD/XSchema

① Servlet

AL

Http
Ftp
Smtp
Pop

Client
Server

HTML
Web

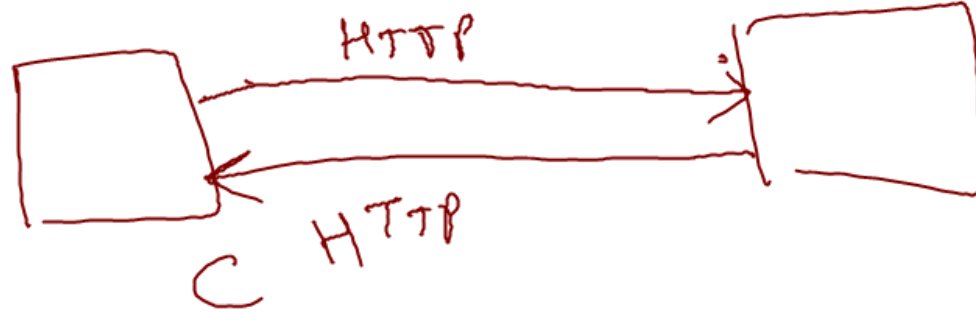
Protocol

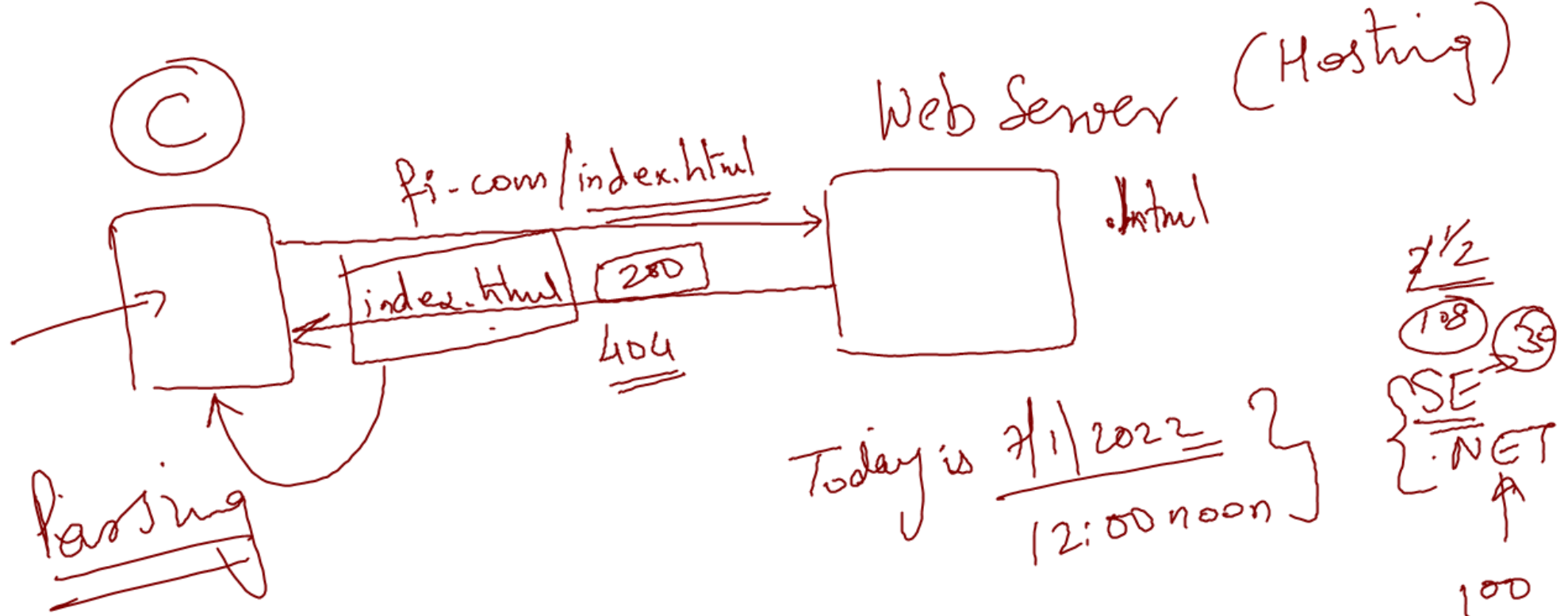
HTTP
FTP

Server

SMTP

Mail





Today is 7/1/2022 }
12:00 noon }

Static

2 1/2
128 (30)
SE →
{ .NET
↑

100
150
/

↓
ASP.NET

HTML

→ 5th Std

.NET

60-80% 9th Jawa

300L

10



30 days Flow

Node.js



Shark Tank ← Startup

Electric cycles

1% → Charges

50%

Zoomcar
revv
elm

Web App

Colleges

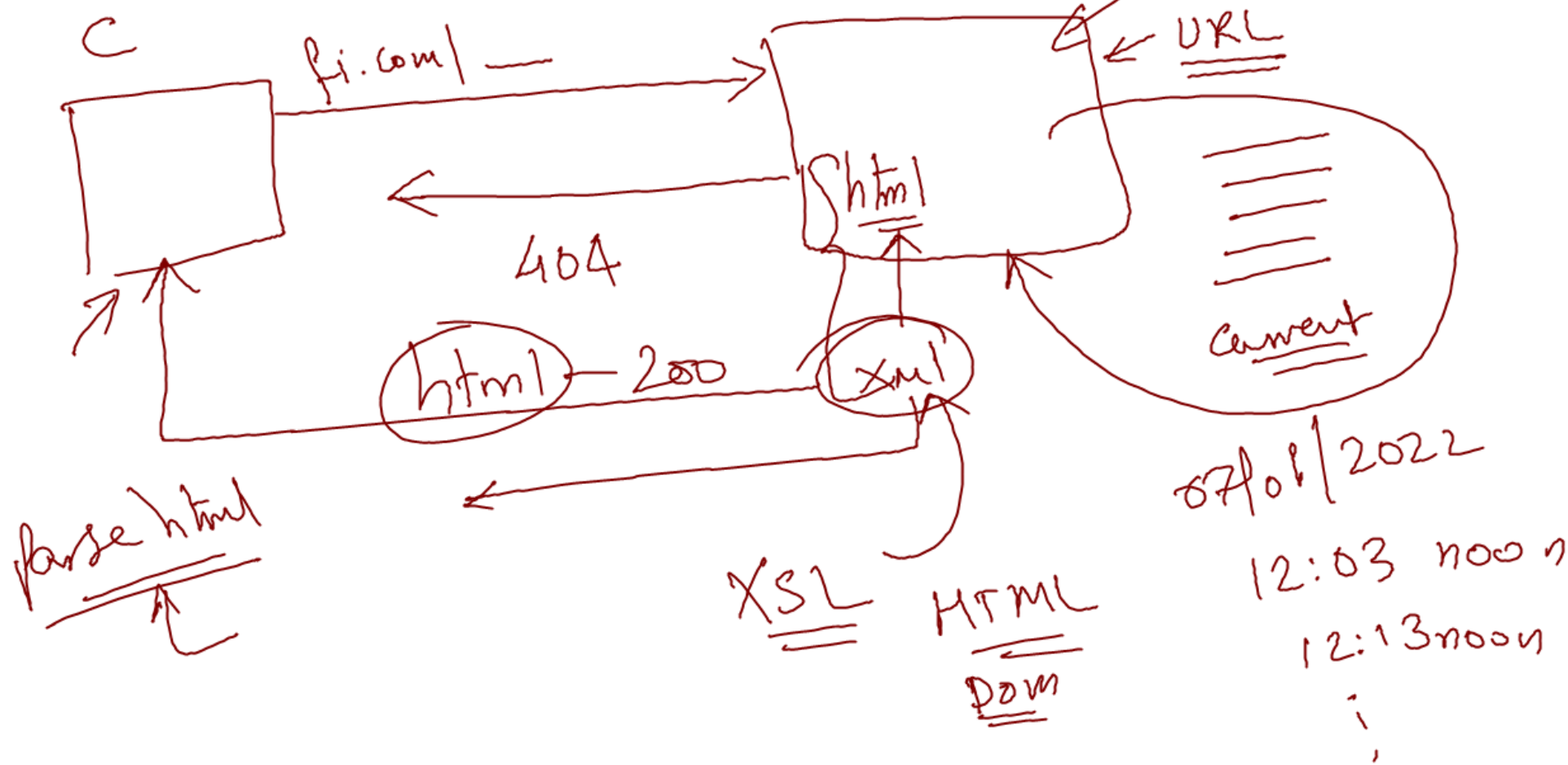
Rental

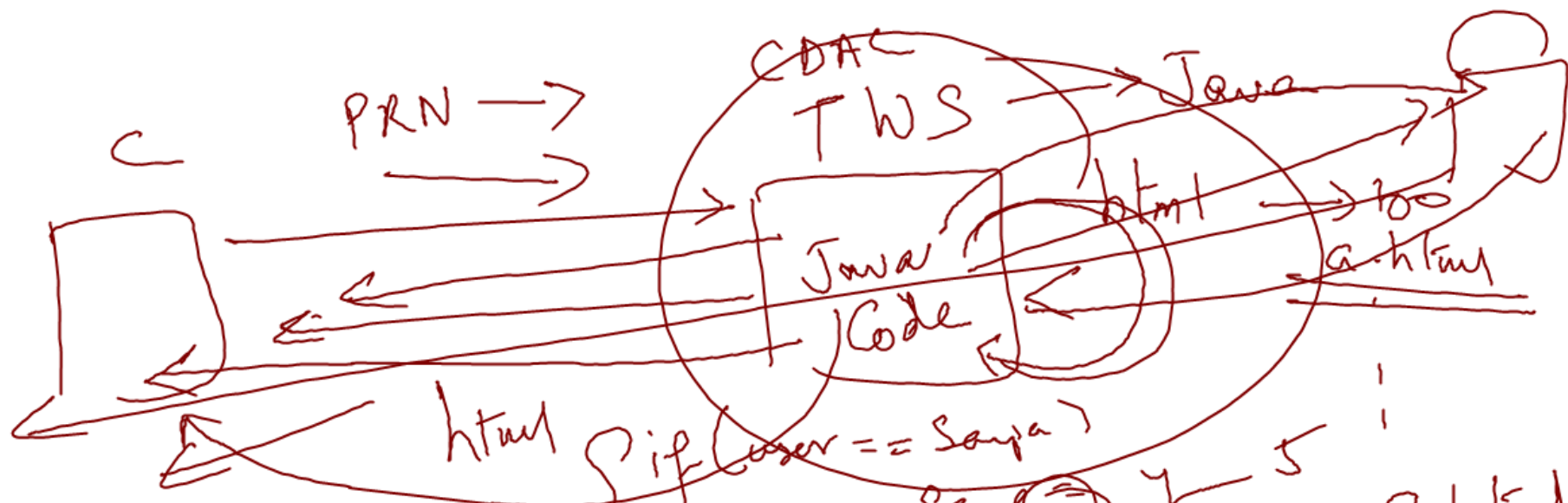
Librangwata

Server side programming

TWS

Process Client





MS 4
 10

```

if (user == Saya)
  welcome
  Hello S.
else if
  user == sh
  an sh
  
```

a7.html

10

TWS

Technology

enabled

Web Server

Http

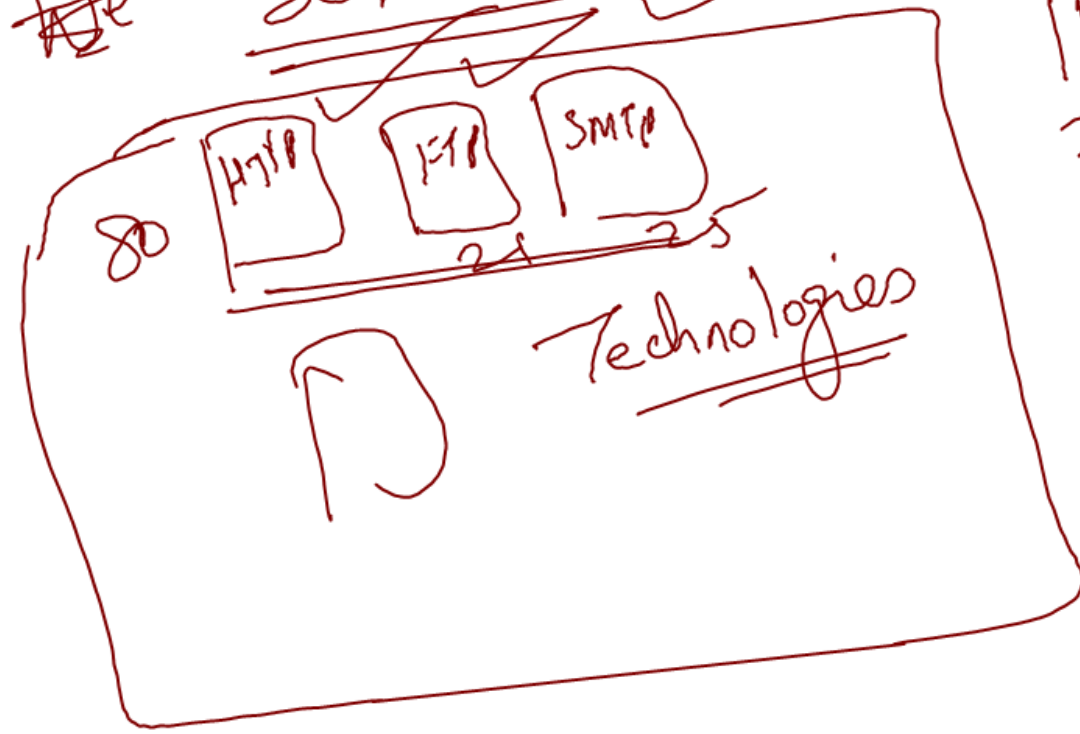
Java
PHP
NET

CGI/Perl

Php

Java enabled
Web Server

~~He~~ Server ~



IS

Tomcat Web Server X Light → 10MB
→ 20-25MB

- Servlet
- JSP
- JSP
- Spring
- Struts

EJB JNDI

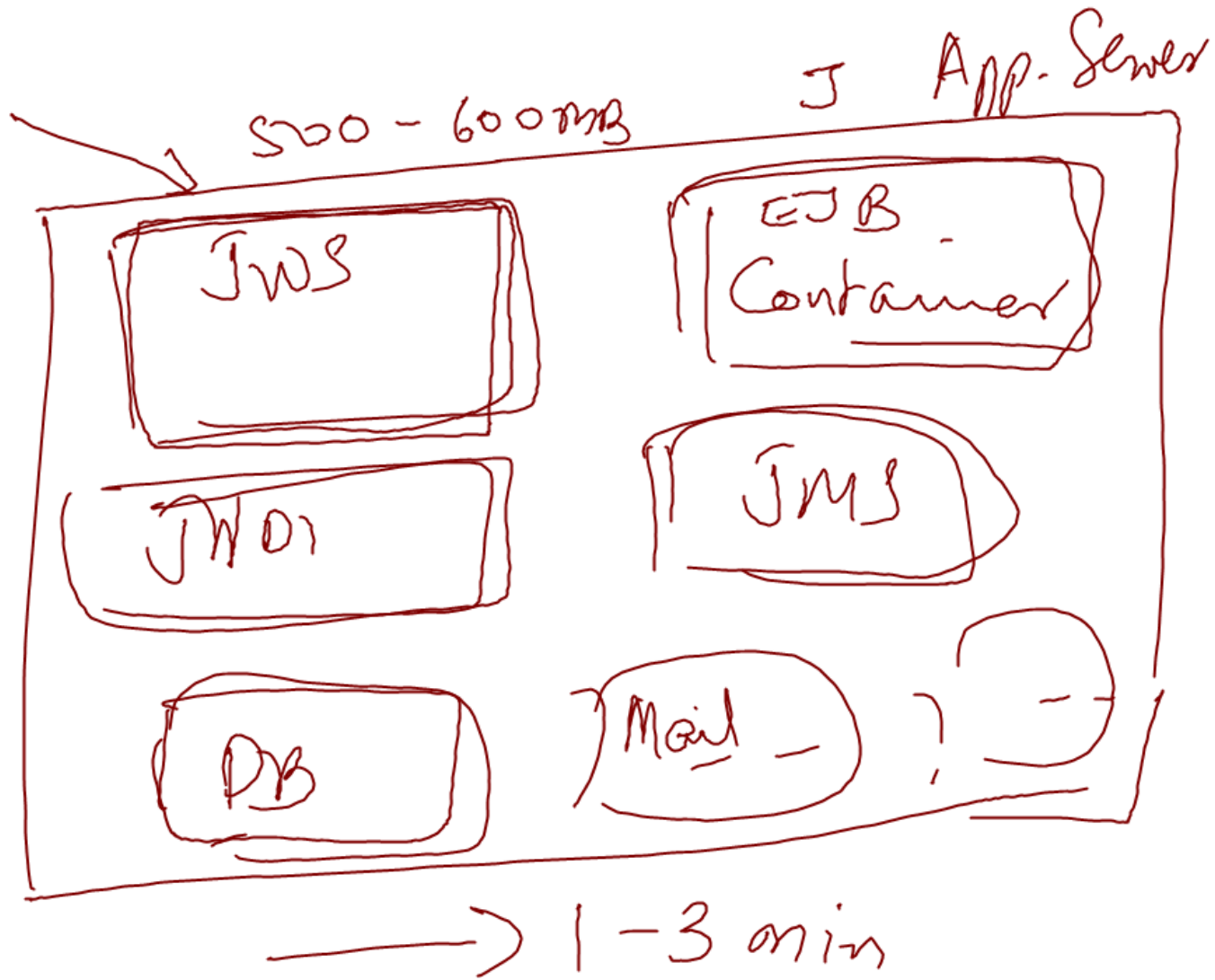
JMS

Application
Server

TC - 20m

Glassfish
WebSphere
Weblogic
JBoss
Bramati

1-3s



Prerequisites for Servlets

- ① JDK
- ✓ ② Java EE Web Profile SDK
- ③ Java enabled web server

→ Classfish

