

A hand with a finger pointing towards a digital screen. The screen displays a line graph with a blue background and a red line showing an upward trend. There are several white circular markers along the line. The overall image has a blue tint and a dark, moody atmosphere.

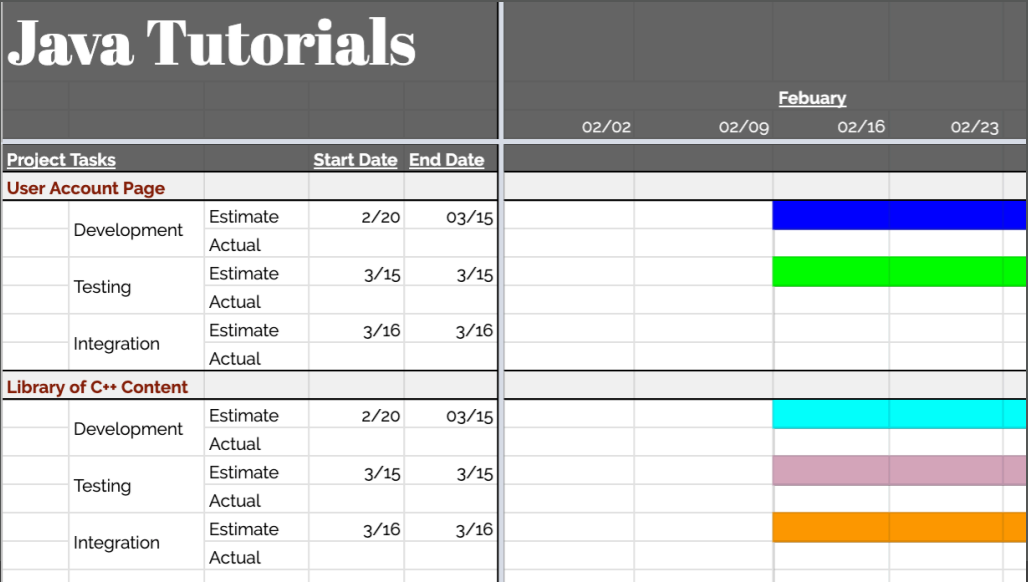
JAVA TUTORIALS

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TOOLS USED

GANTTT - Project Tracker

3 stars



TOOLS USED

GitHub/Google Drive – VCS Repository

5 stars



TOOLS USED

Telerik/Peer Code Reviews – Testing Tool

2 stars



TOOLS USED

GoDaddy – Deployment Environment

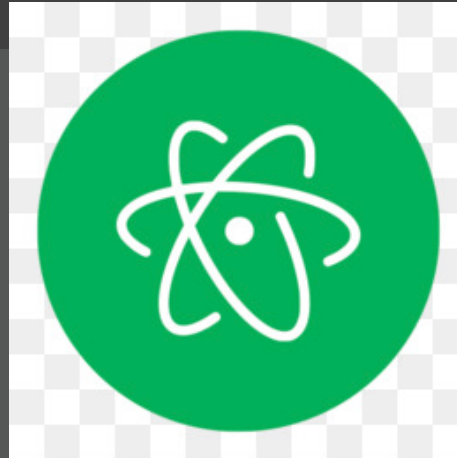
5 stars



TOOLS USED

Atom/Sublime – IDE

5 stars



TOOLS USED

HTML/CSS - Web Design

5 stars

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <!-- Latest compiled and minified CSS -->
5     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/
6
7     <!-- jQuery library -->
8     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
9     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/
10    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
11    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper
12    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
13    <script src="https://code.jquery.com/jquery-3.4.1.js"></script>
14    <link href="javaStyleSheet.css" rel="stylesheet">
15    <title>Type Wrappers</title>
16 </head>
17 <body>
18     <!-- Navigation Bar -->
19     <nav class="navbar bg-dark navbar-dark">
20         <!-- Brand Java Logo Dark-->
21         <a class="navbar-brand" href="index.html">
22             
```

TOOLS USED

Node.js - Framework

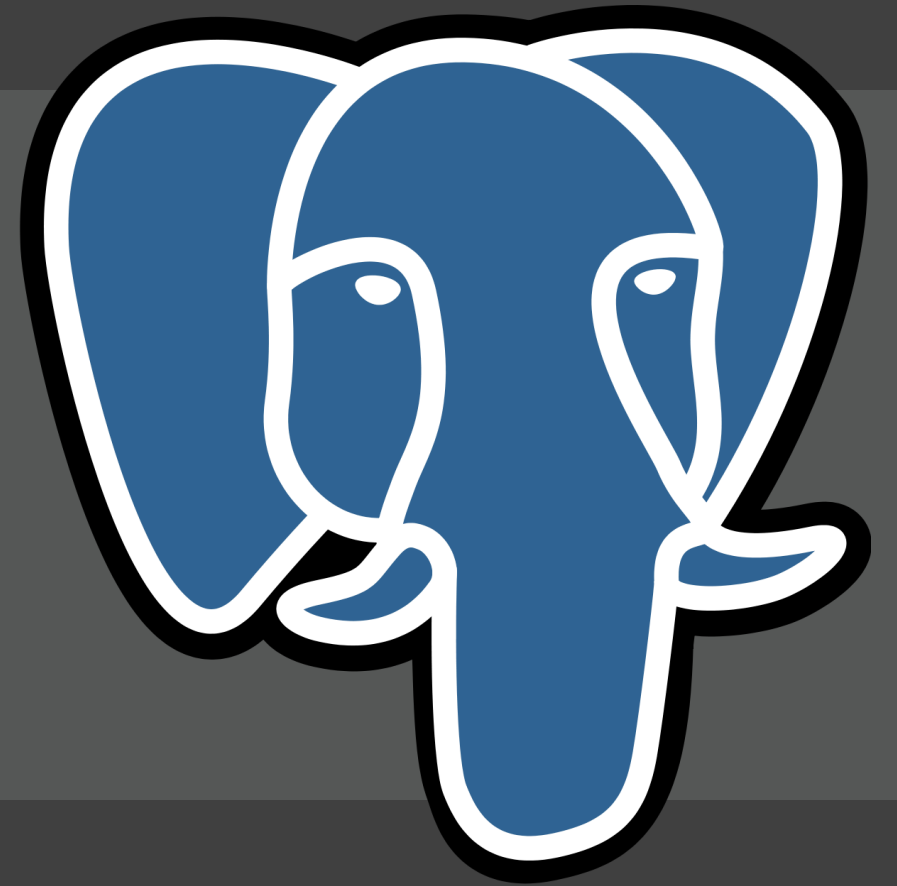
5 stars

```
83 // registration page
84 app.get('/2D', function(req, res) {
85     var query = "SELECT * FROM comments_2D";
86     db.any(query)
87         .then(function (rows) {
88             res.render('pages/2D',{
89                 data: rows,
90                 name: "/2D/post_comments",
91             })
92         })
93 });
94 app.post('/2D/post_comments', function(req, res) {
95     var query = "SELECT * FROM comments_2D";
96     var text = req.body.text;
97     var insert_statement = "SELECT * FROM comments_2D";
98     var name2 = req.body.name3;
99     if (!name2){
100         name2 = "Anonymous";
101     }
102     if (text){
103         insert_statement = "INSERT INTO comments_2D(name, post) VALUES('" + name2 + "',
104     }
105     db.task('get-everything', task => {
106         return task.batch([
107             task.any(insert_statement),
108             task.any(query)
109         ]);
110     });
```


TOOLS USED

PostgreSQL – Database Management

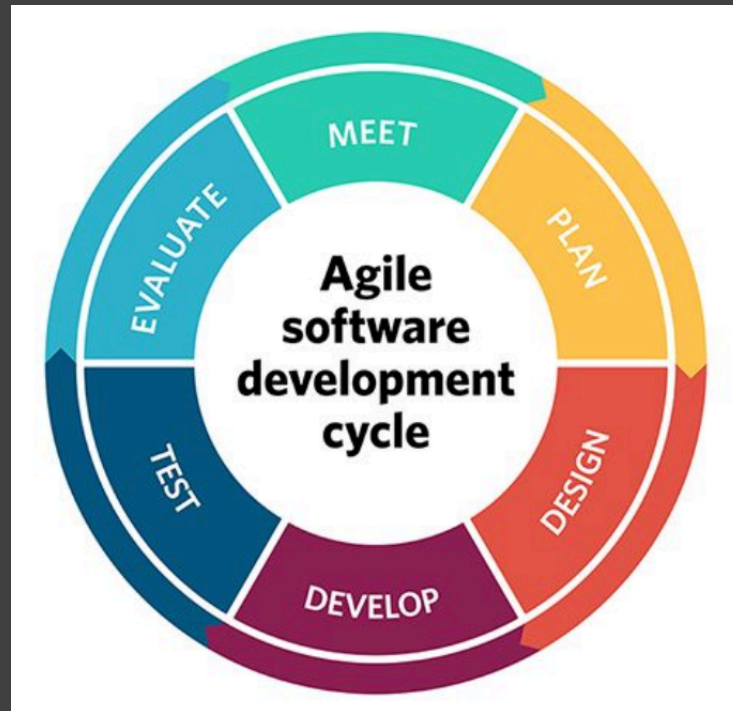
4 stars



METHODOLOGIES

Agile

4 stars



METHODOLOGIES

Pair Programming

3 stars





CHALLENGES

Time - we initially bit off a bit more than we could chew with both time and skill

Design - we wanted a sleek design that was user-friendly and intuitive



CHALLENGES PART 2 ELECTRIC BOOGALOO

Hosting - we were having difficulty finding a deployment environment in which we could easily host our database such that it retains functionality

Integration - the process of integrating all the separate features has been more difficult than anticipated



DEMO TIME!!!

