



TOP CODER WEBSITE

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Group 5 Present*

Group 5

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PROBLEM DEFINITION

1

**JOB SEARCHING
AND APPLICATION
PROCESS IS A
CUMBERSOME
PROCESS FOR BOTH
EMPLOYERS AND
JOB SEEKERS**

2

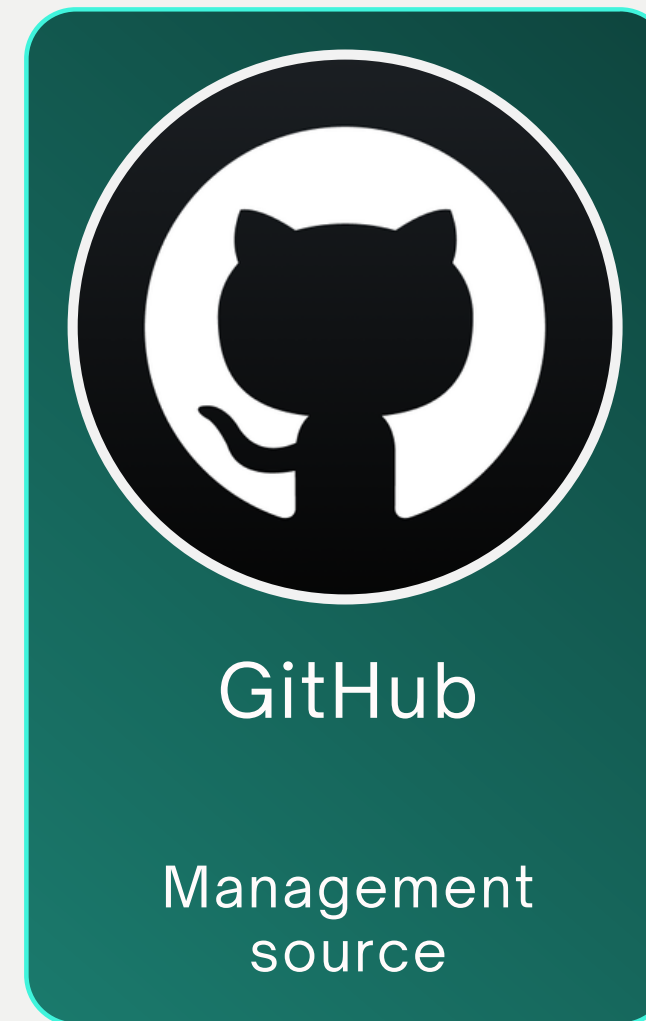
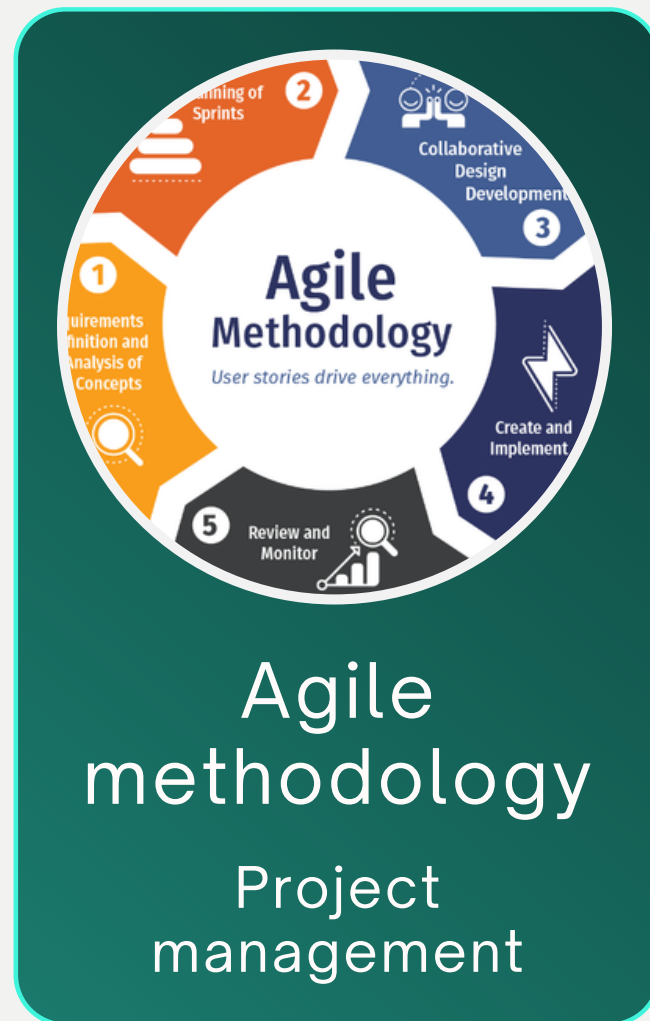
**TRADITIONAL
RECRUITMENT
SYSTEMS CAN TAKE
A LOT OF TIME AND
EFFORT FOR BOTH
PARTIES.**

3

**WITH THE DESIRE TO
CREATE AN
OPTIMAL, EASY-TO-
USE, AND EFFECTIVE
PLATFORM, THE TOP
CODER PROJECT
WAS BORN.**

4

PROJECT MANAGEMENT



FUNCTIONAL REQUIREMENT

Function:

- | | |
|---|---|
| <input type="checkbox"/> Login | <input type="checkbox"/> Save Job |
| <input type="checkbox"/> Register | <input type="checkbox"/> Job Search |
| <input type="checkbox"/> Logout | <input type="checkbox"/> Post Management |
| <input type="checkbox"/> User Profiles | <input type="checkbox"/> Check Application |
| <input type="checkbox"/> View Job Information | <input type="checkbox"/> Post Management |
| <input type="checkbox"/> Resume Upload | <input type="checkbox"/> Account Management |
| <input type="checkbox"/> Review and Comment | <input type="checkbox"/> Blog Management |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |

FUNCTIONAL REQUIREMENT

Non - Function:

- ☐ Email Notifications
- ☐ API for Integration
- ☐ Performance
- ☐ Security

- ☐ Usability
- ☐ Maintainability
- ☐
- ☐

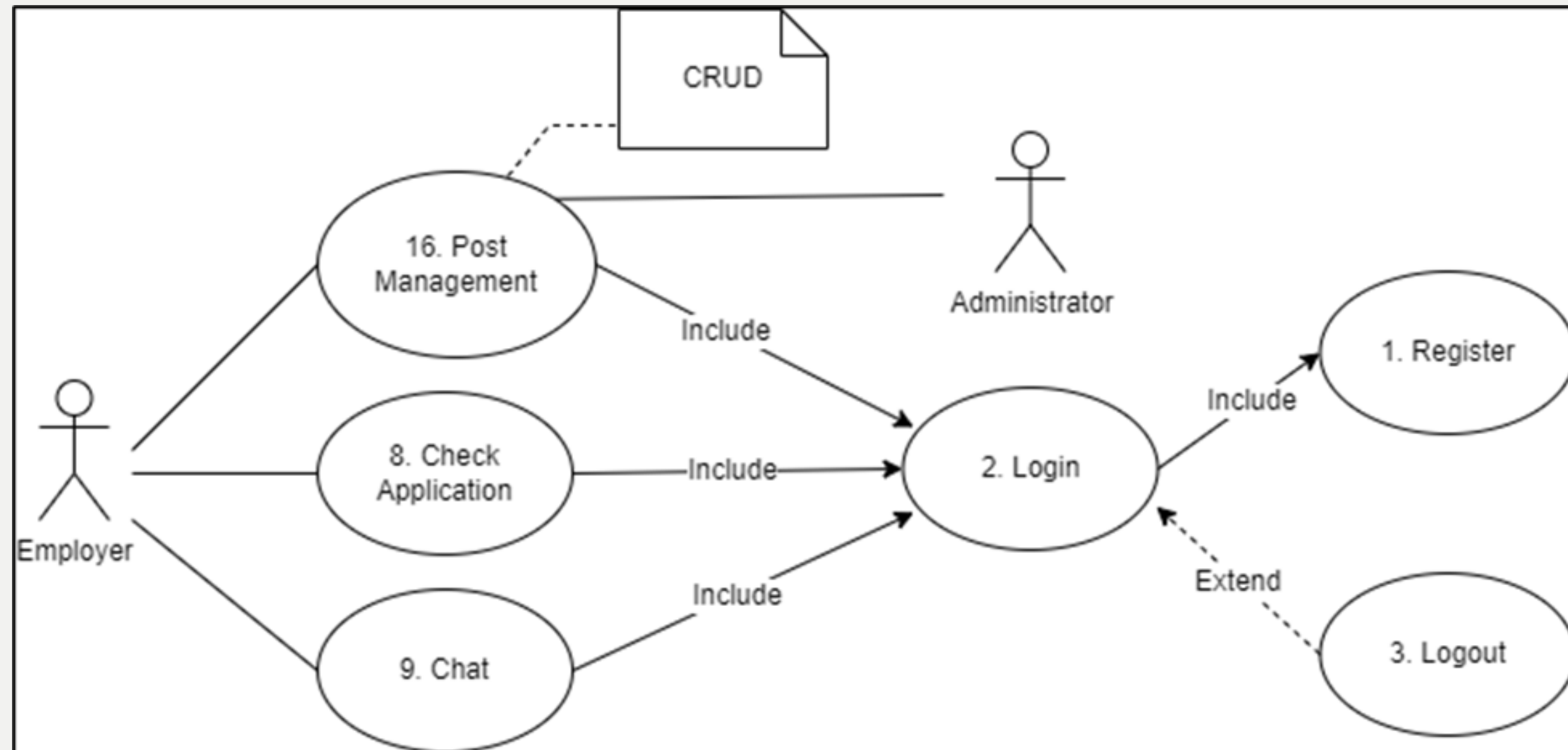
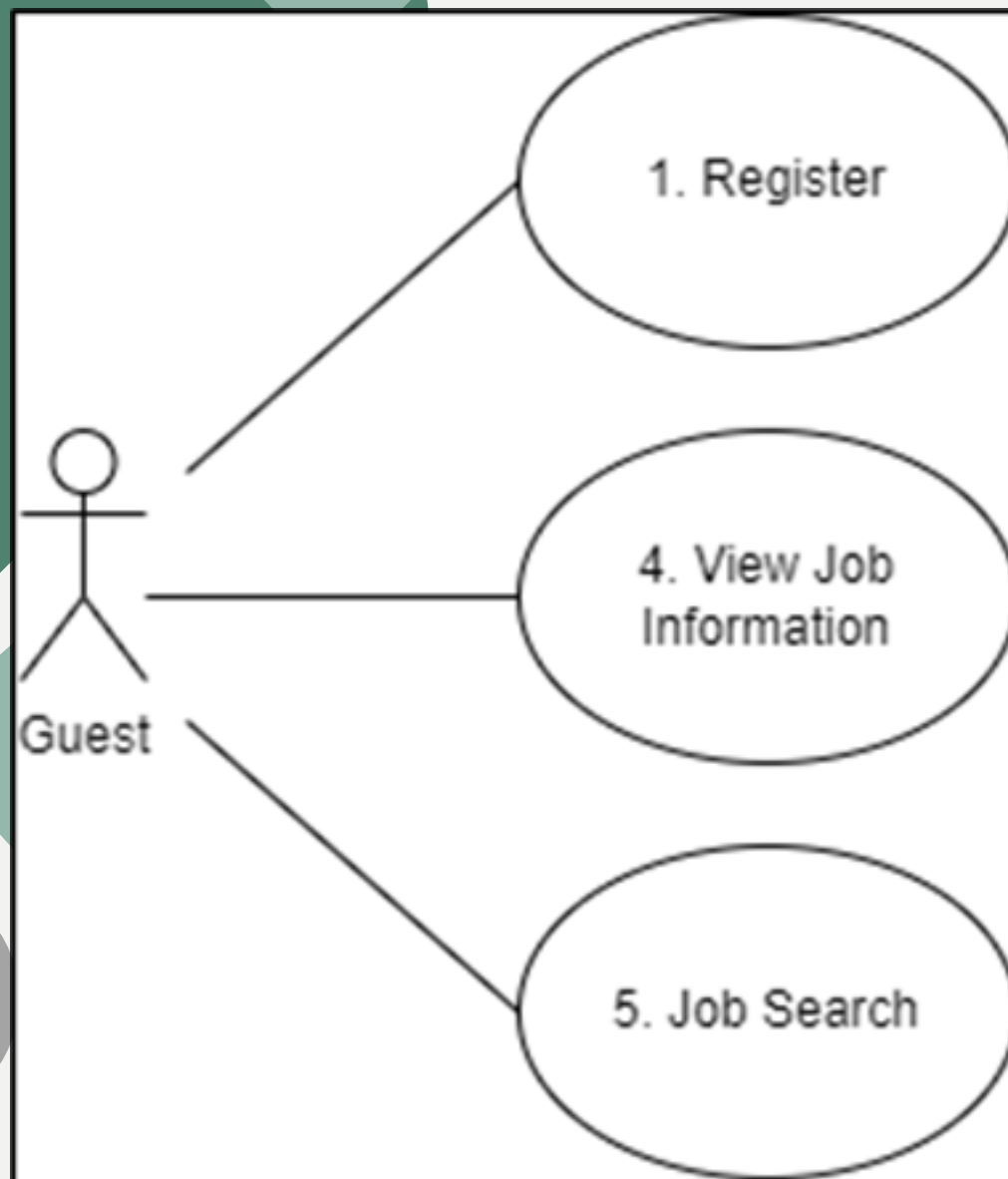
TECHNOLOGY

| Area | Tools and Infrastructures |
|-----------------------|---|
| Programming Languages | C# (for server-side), JavaScript (for client-side) |
| Framework | ASP.NET Core |
| Database Management | Microsoft SQL Server |
| IDEs/Editors | Visual Studio, Visual Studio Code |
| Version Control | Git (GitHub) |
| UI/UX Design Tools | Figma, Draw.io |
| Design Patterns | Entity Framework, Entity Relationship Diagram (ERD) |
| Project Management | Microsoft Project, Excel |

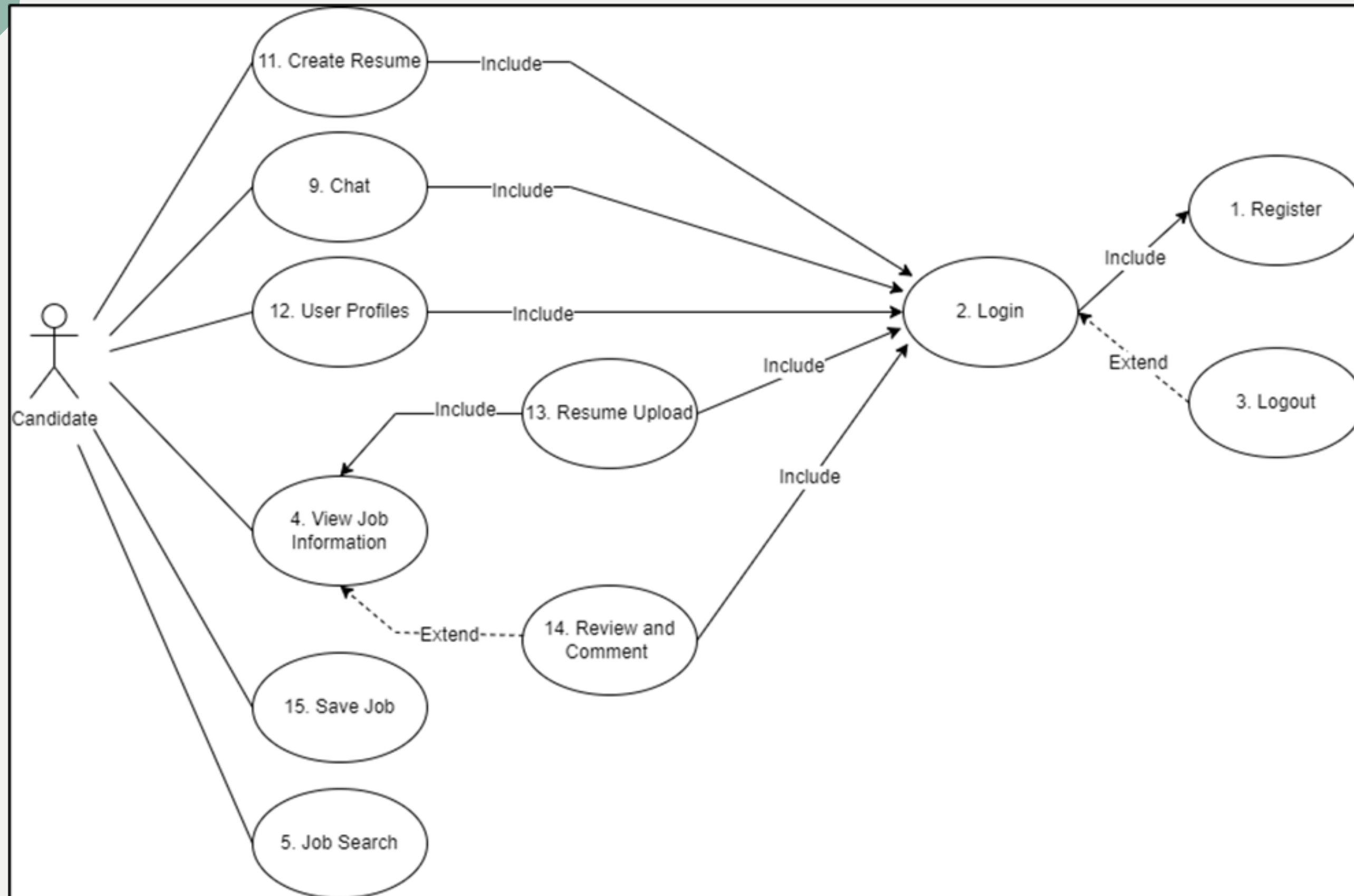
SOFTWARE TEST

[HTTPS://DOCS.GOOGLE.COM/SPREADSHEETS/D/1RVAMRFXTMELSHHZLRKTGX6WQ5BGXDZWLOTQ76GFS_BC/EDIT#GID=0](https://docs.google.com/spreadsheets/d/1RVAMRFXTMELSHHZLRKTGX6WQ5BGXDZWLOTQ76GFS_BC/edit#gid=0)

SOFTWARE DESIGN



SOFTWARE DESIGN



```
Program.cs  
builder = WebApplication.CreateBuilder(args);  
app = builder.Build();  
  
app.MapGet("/", () => "Hello World!");  
  
app.Run();
```

Thank You

For Your Attention