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| **Total Marks:** | **4** |
| **Obtained Marks:** |  |

**Web Technologies**

**Assignment # 03**

**Submitted To: Sir Zubair Ahmed**

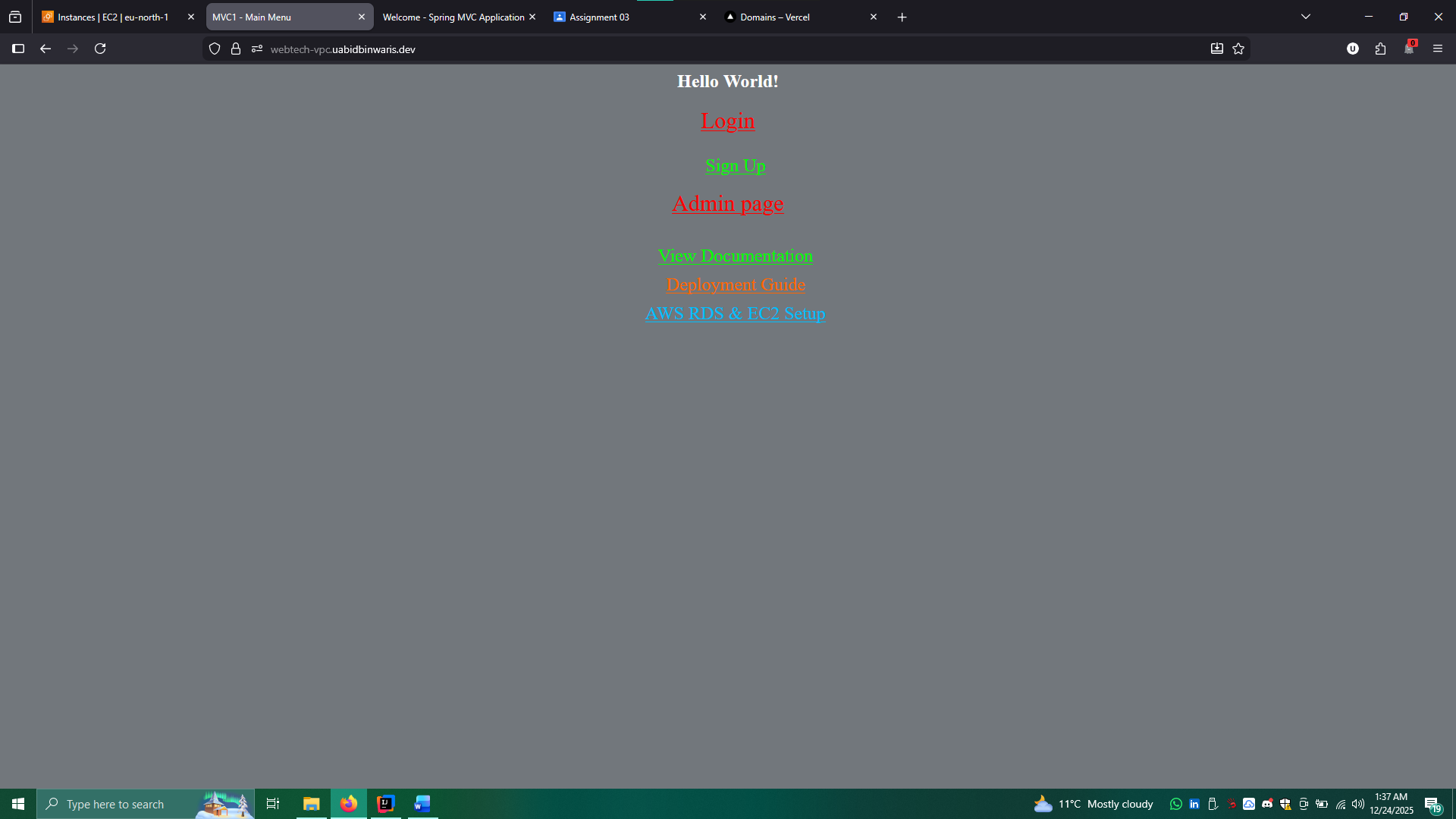
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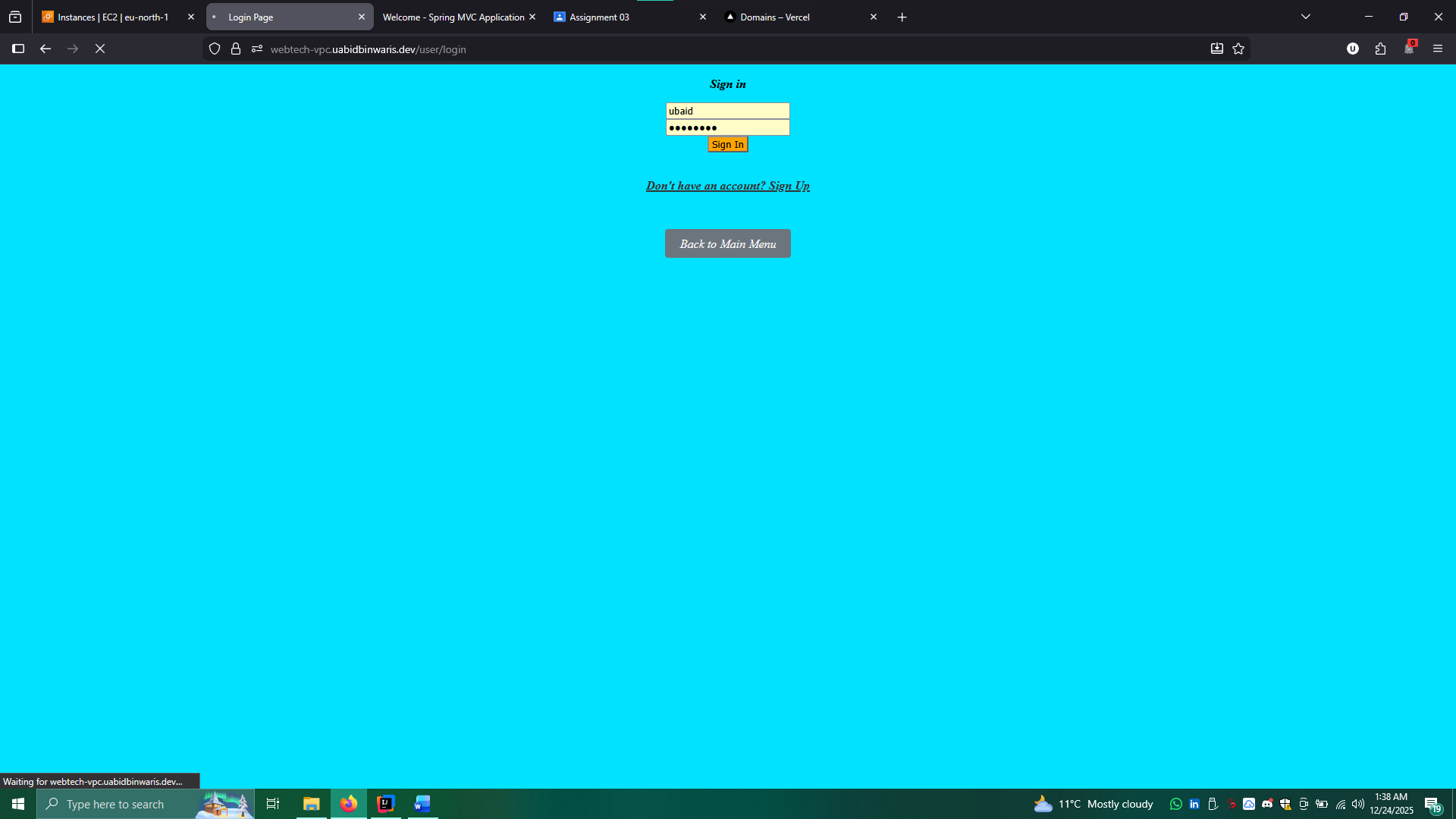
**Student Name: Ubaid Bin Waris**

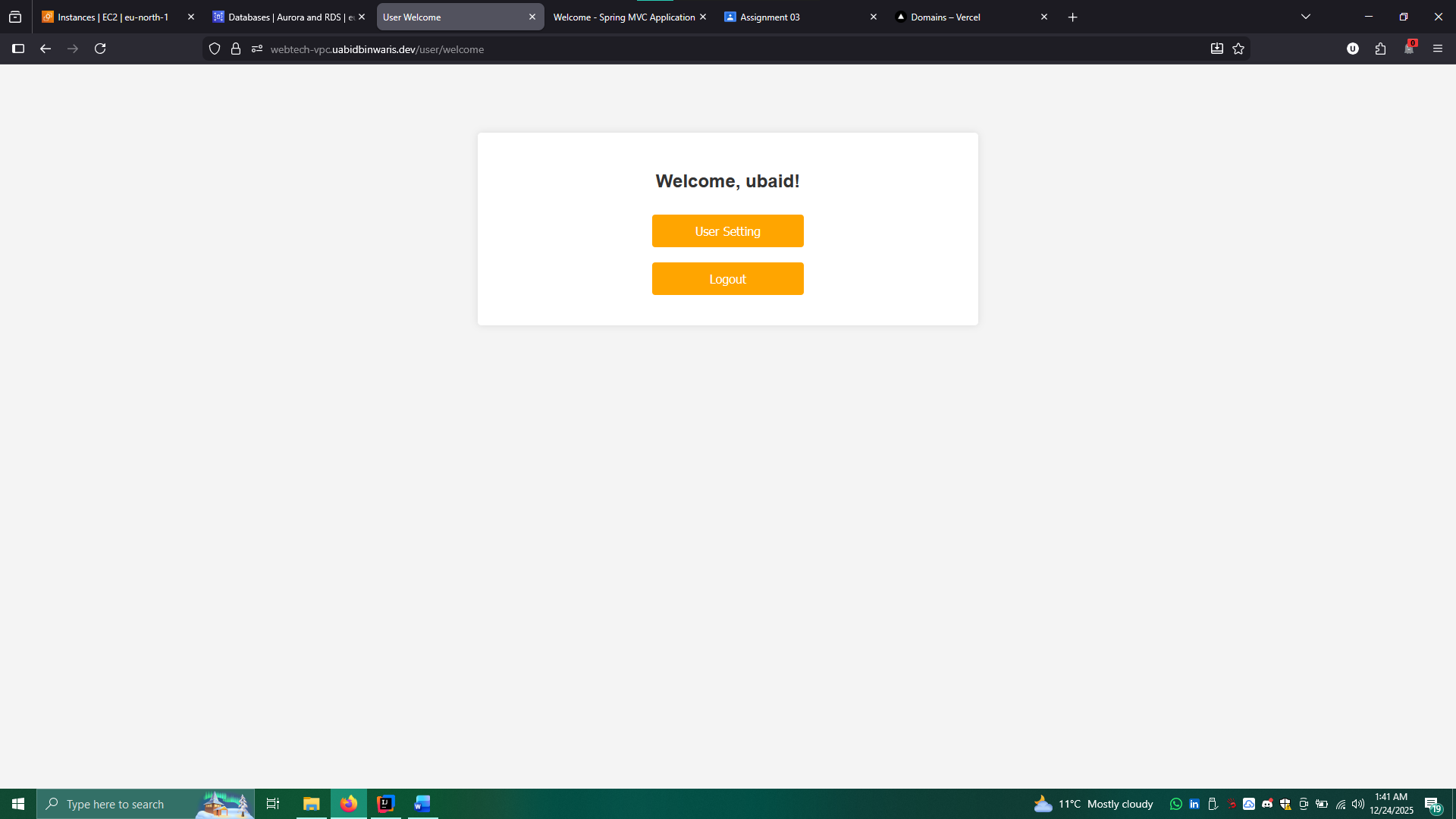
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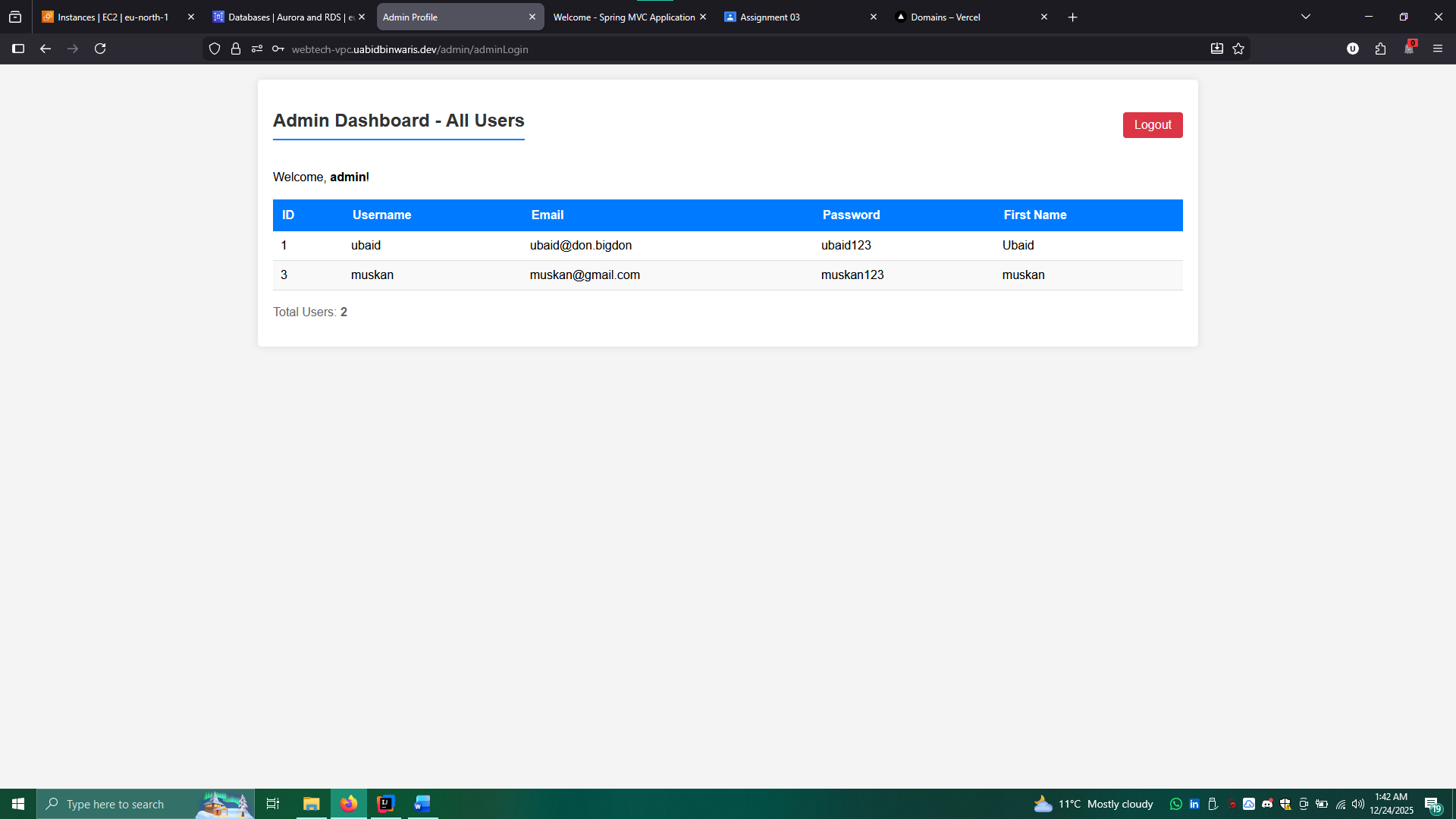
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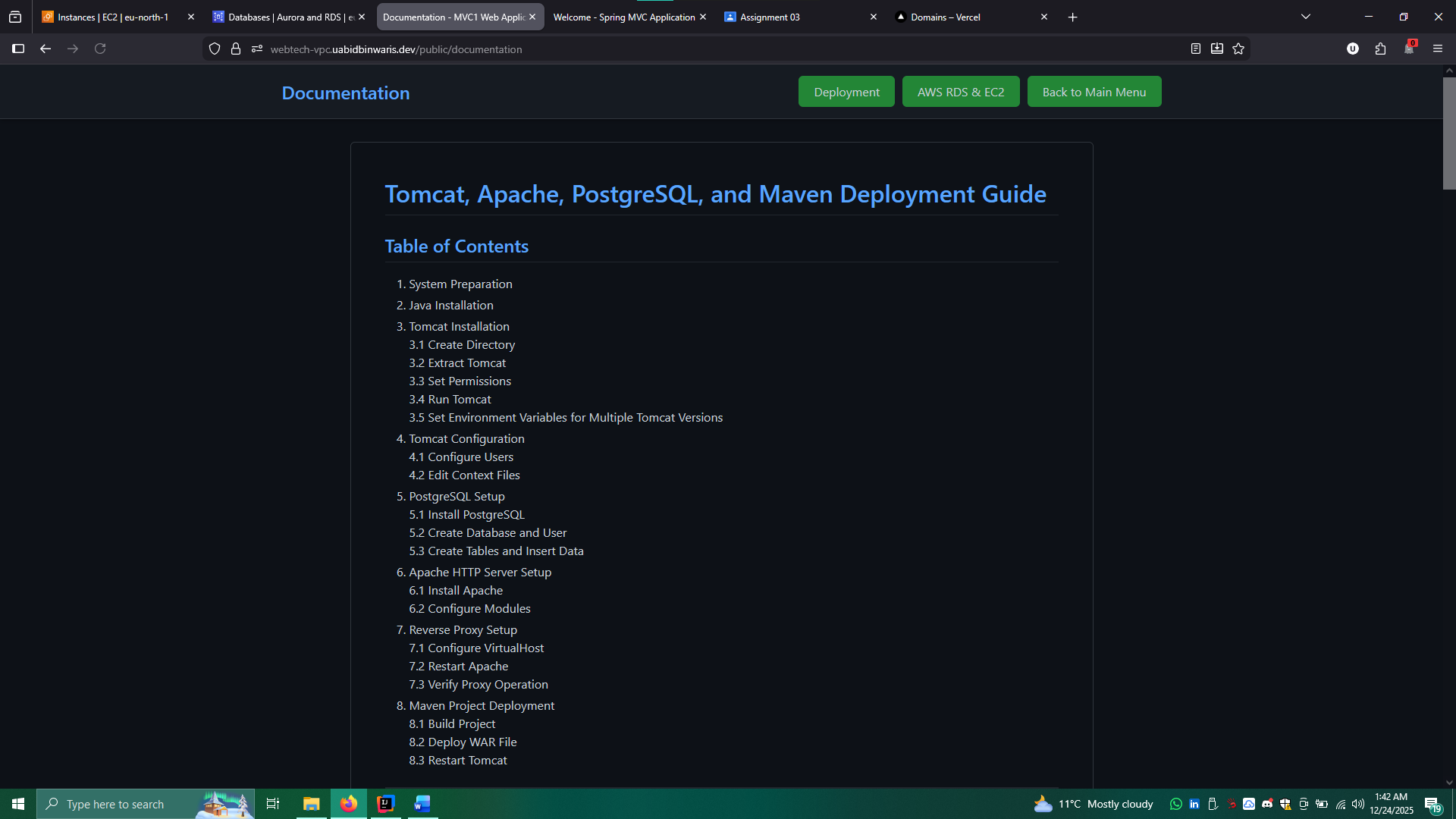
**Deployment on Ubuntu AWS**

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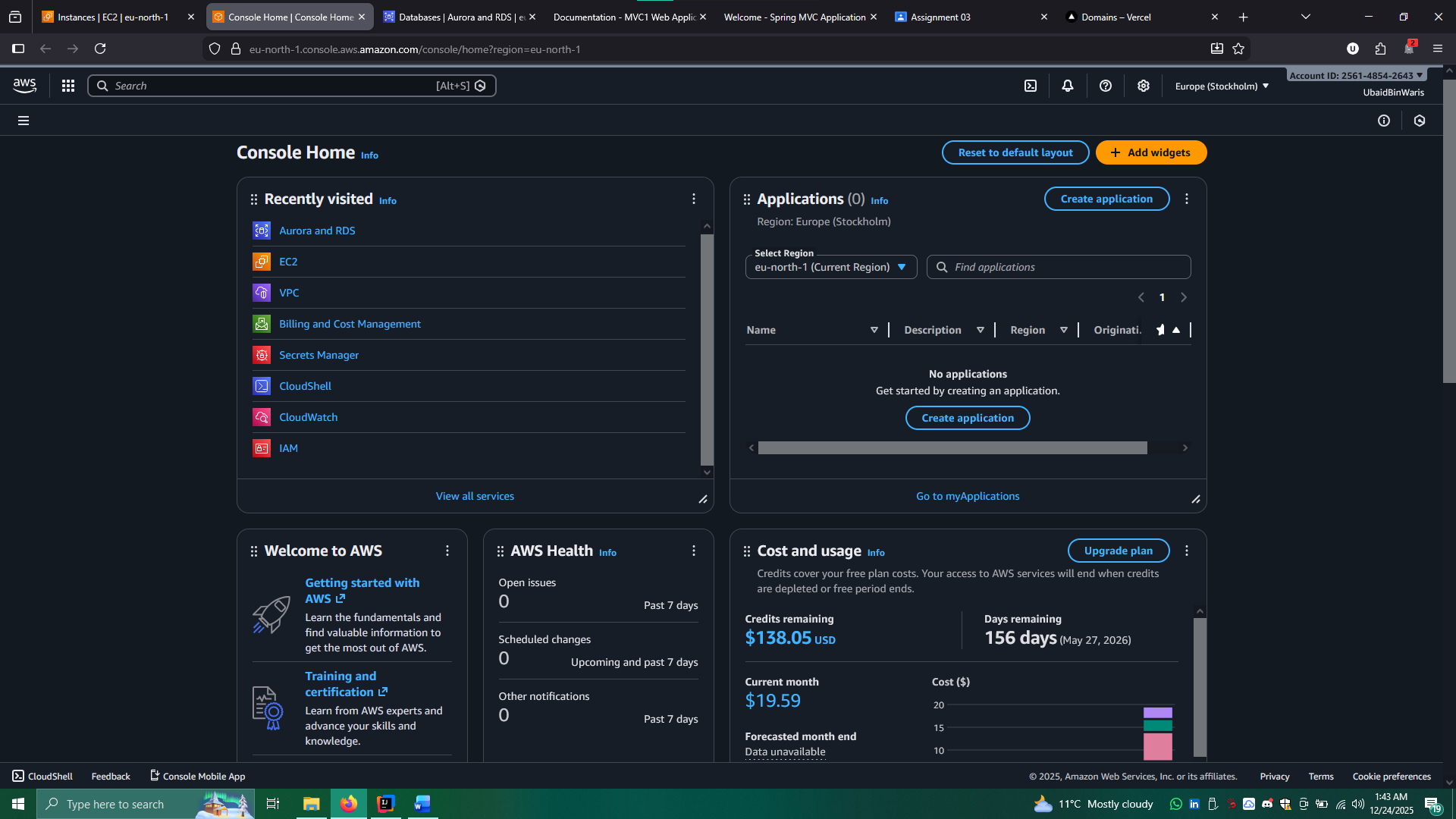
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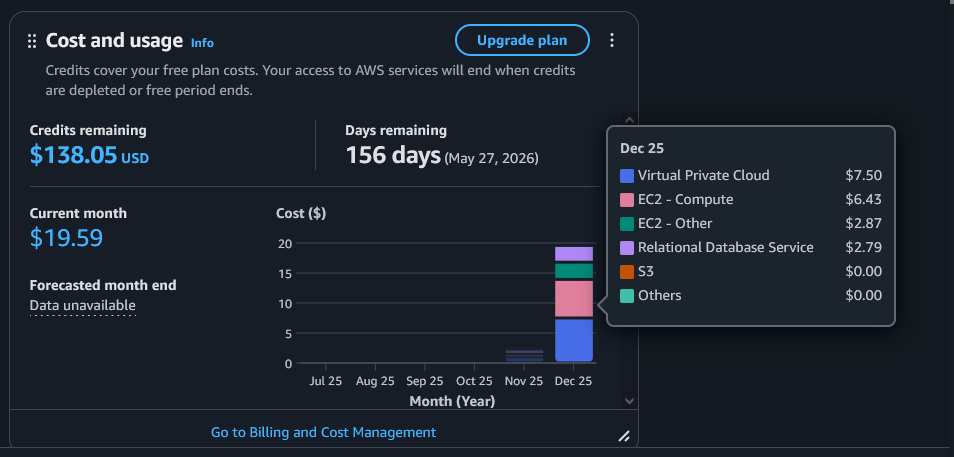
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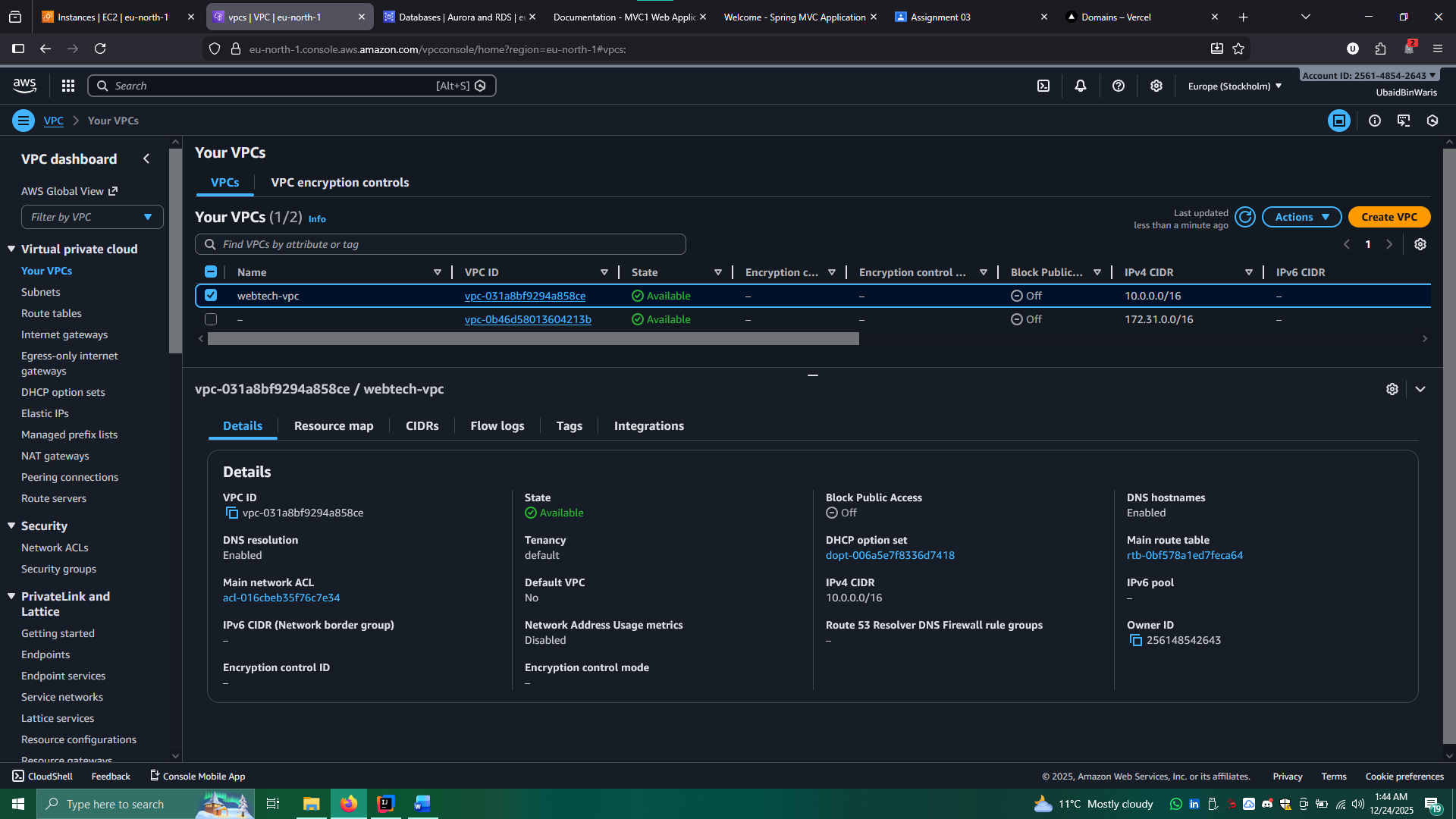
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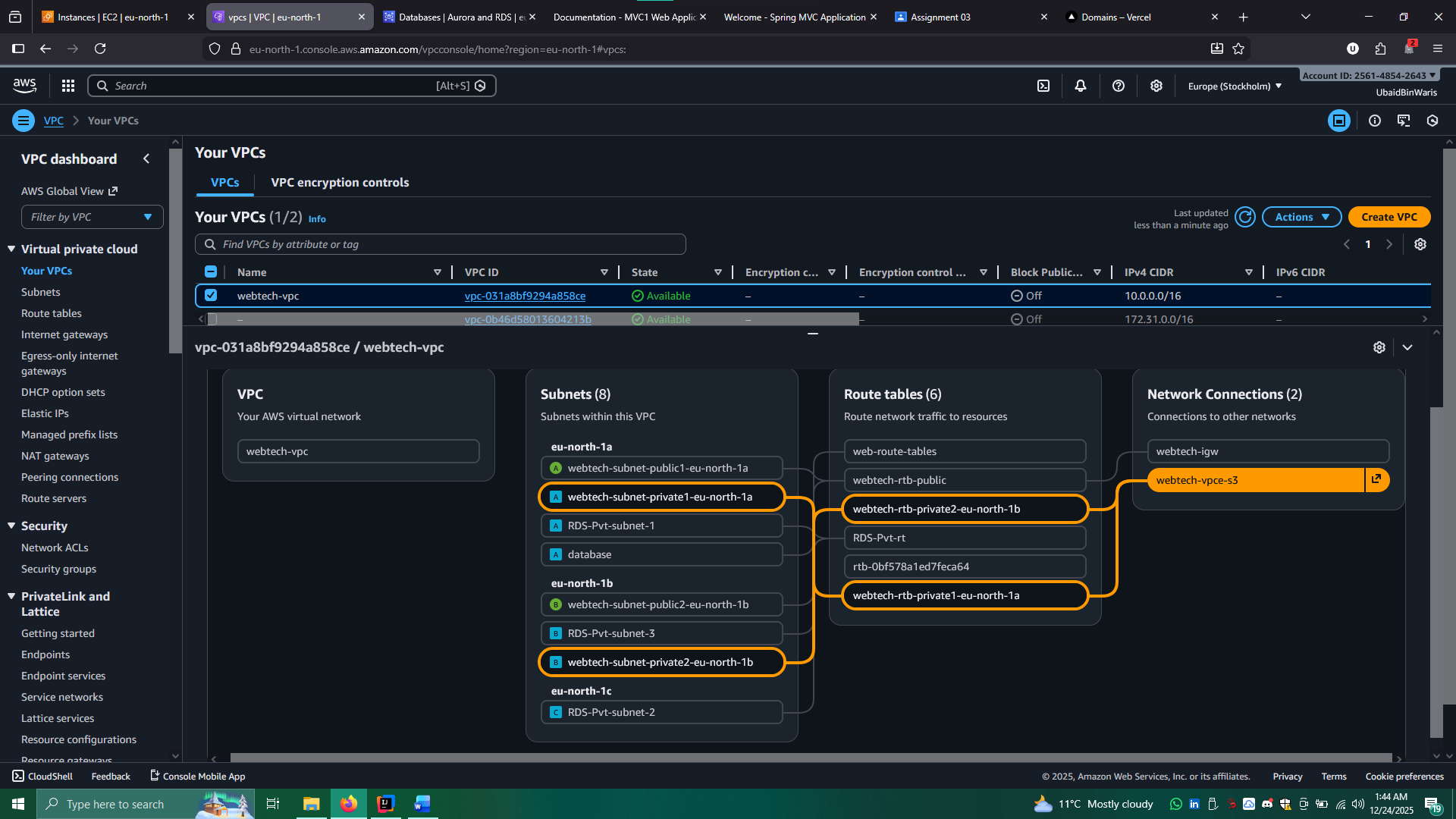
**Cost and Usage AWS**

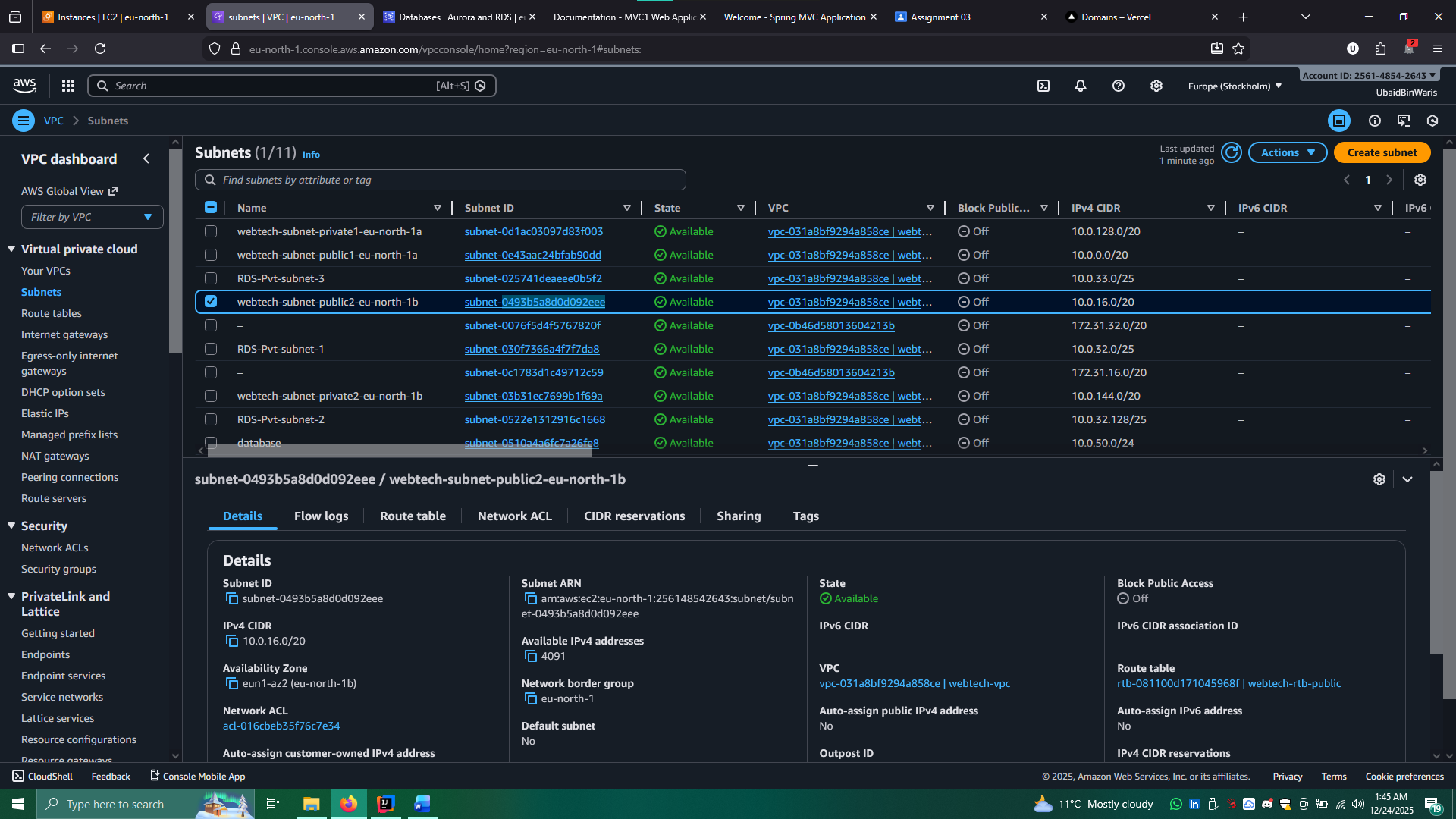
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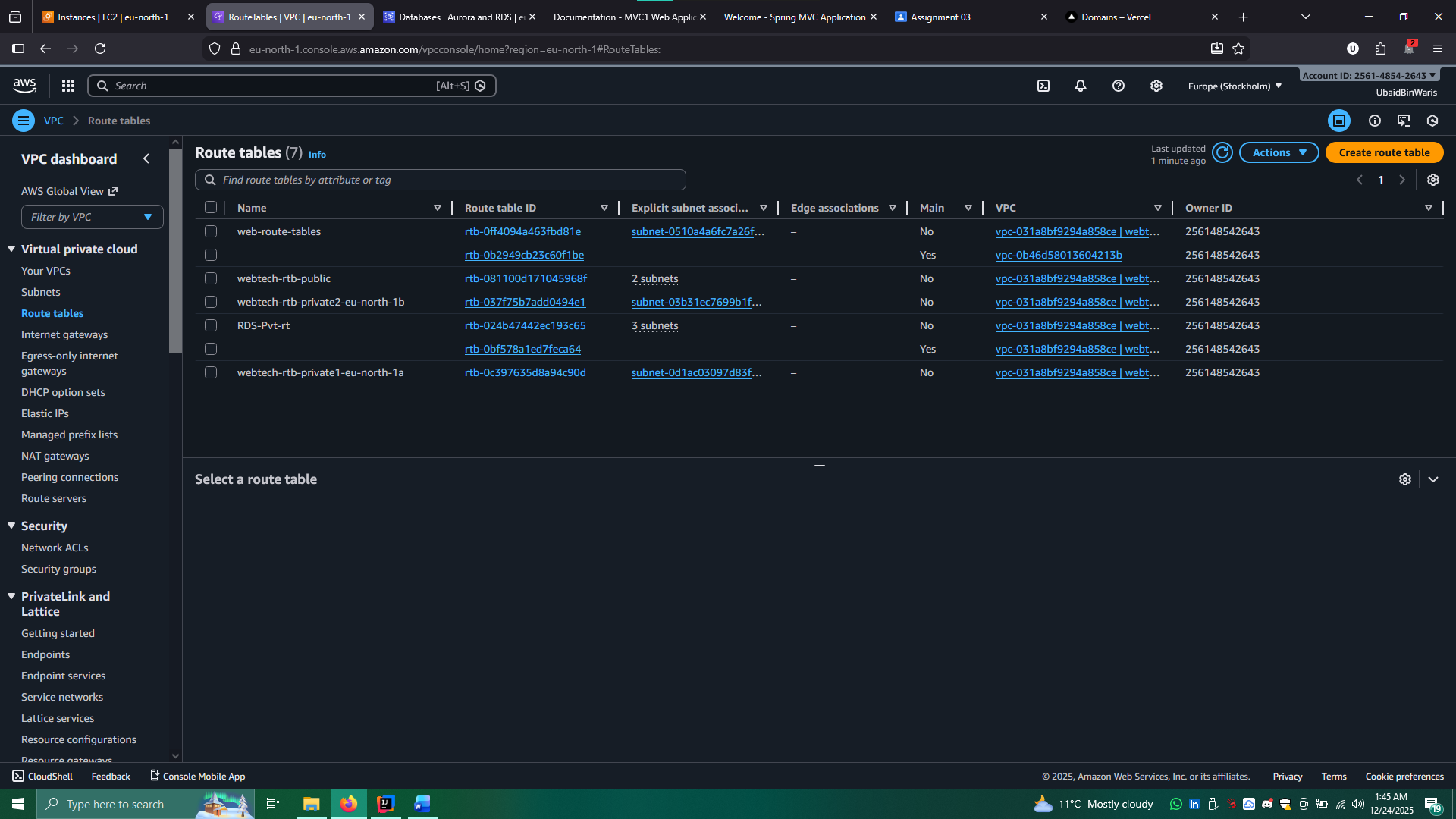
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**VPC Setup**

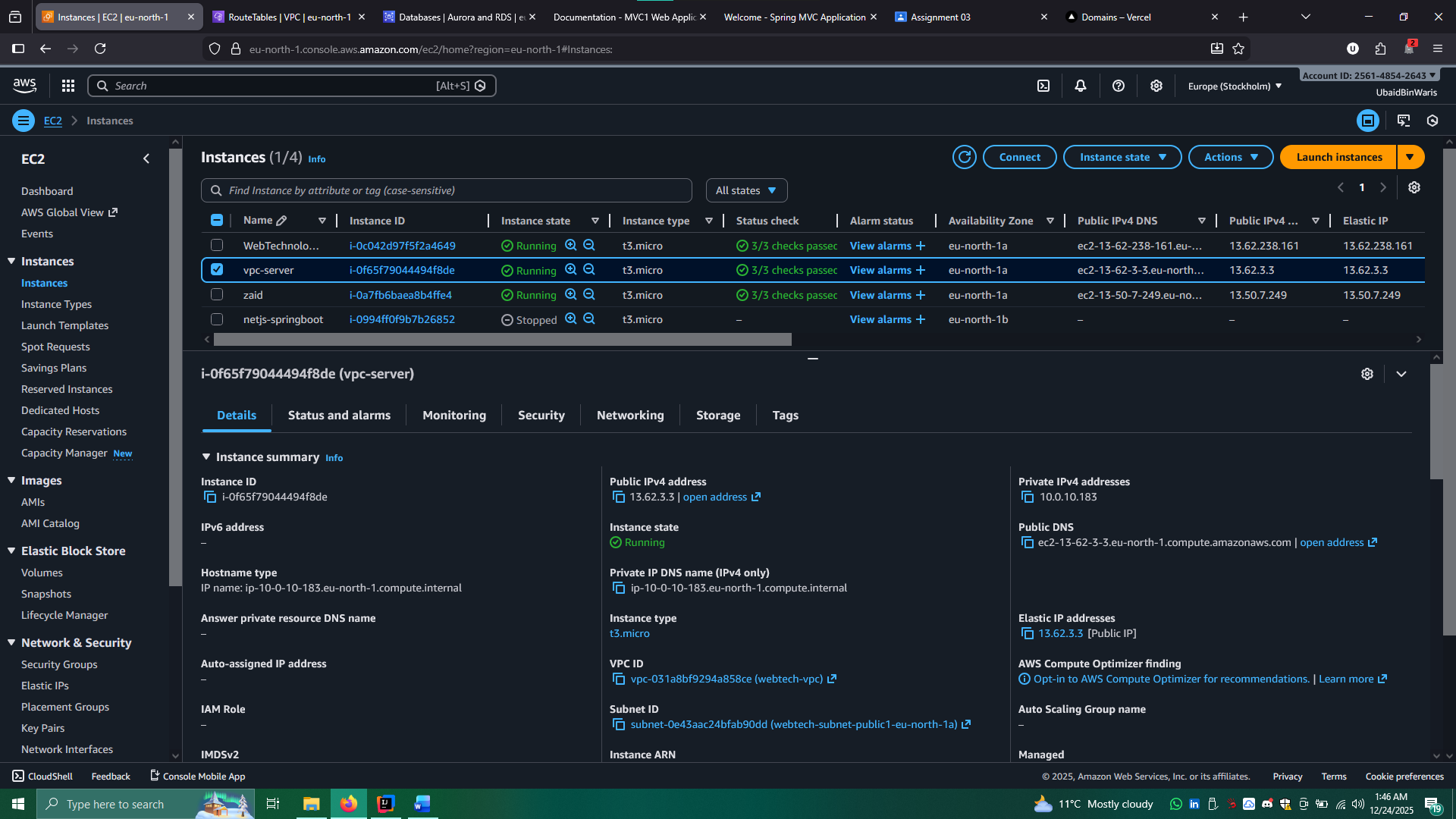
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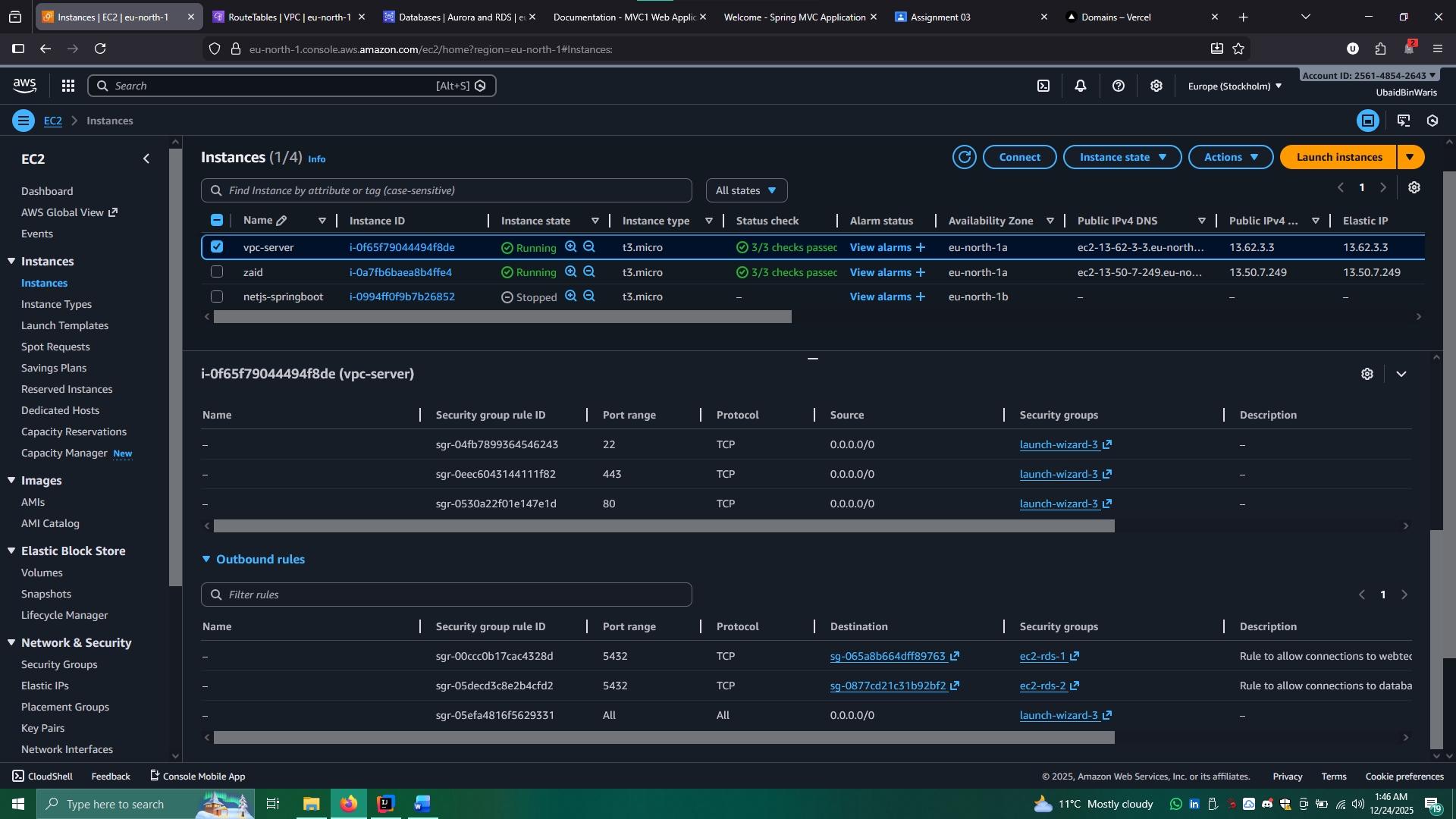
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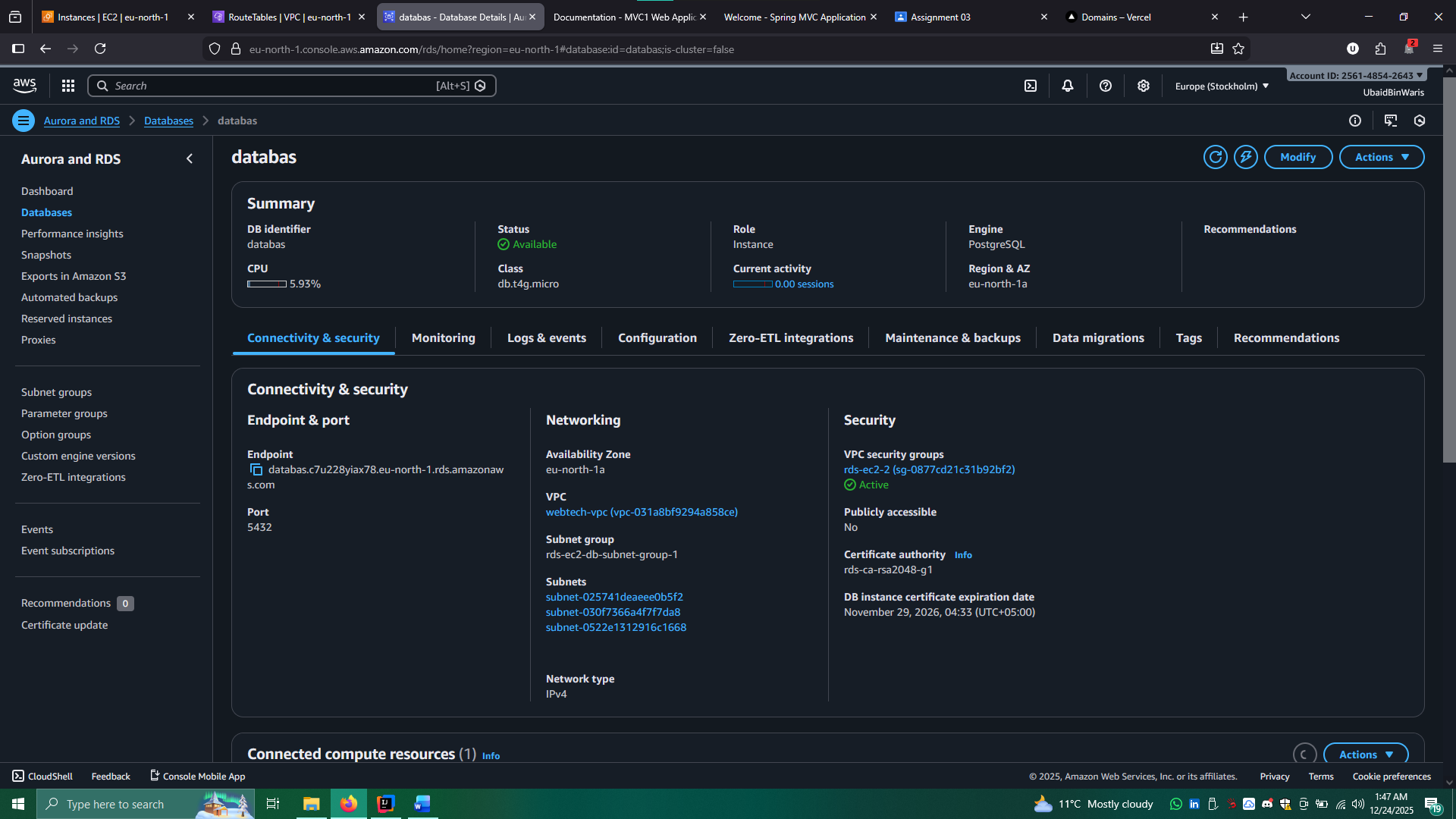
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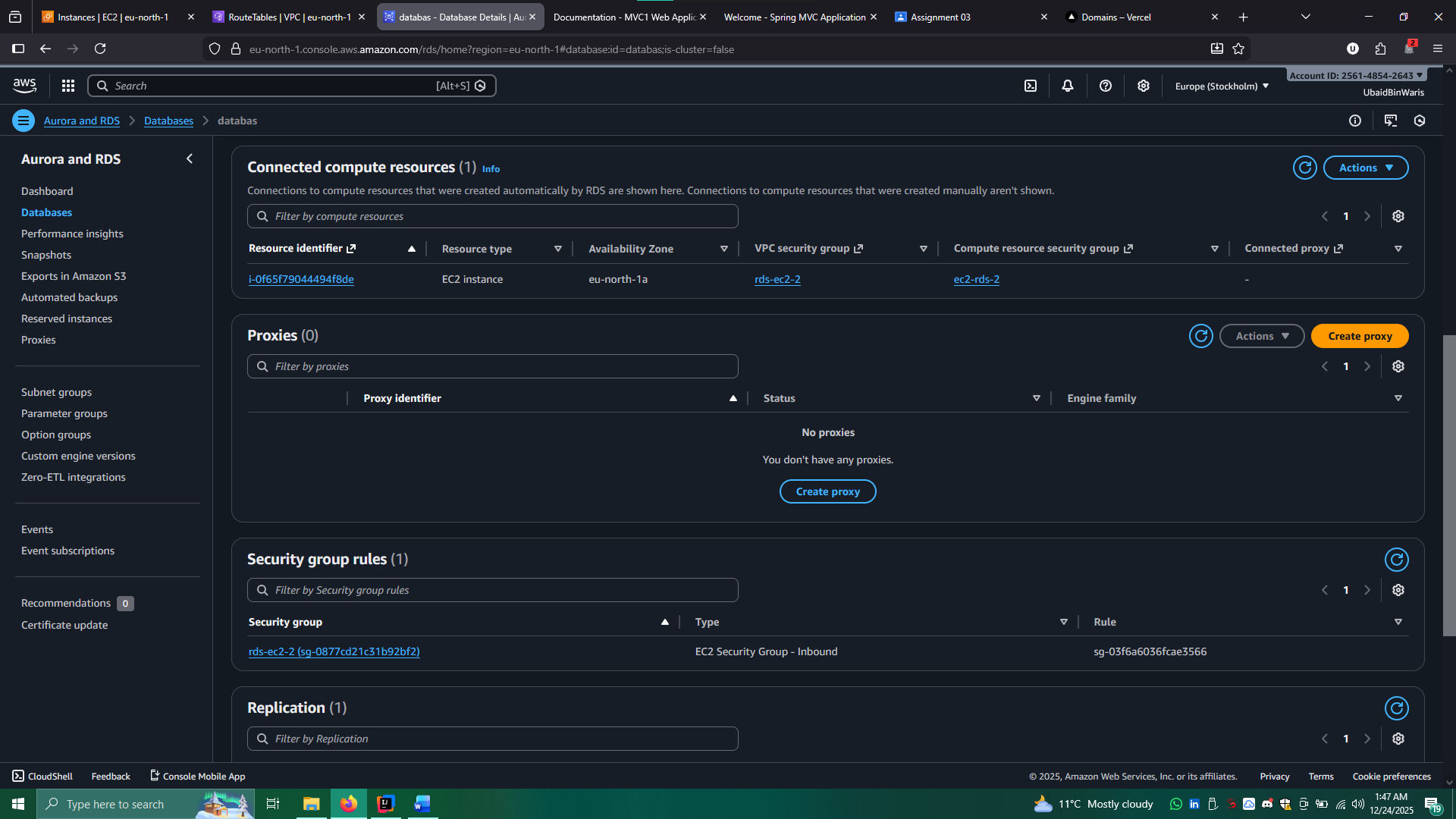
**EC2 Instance**

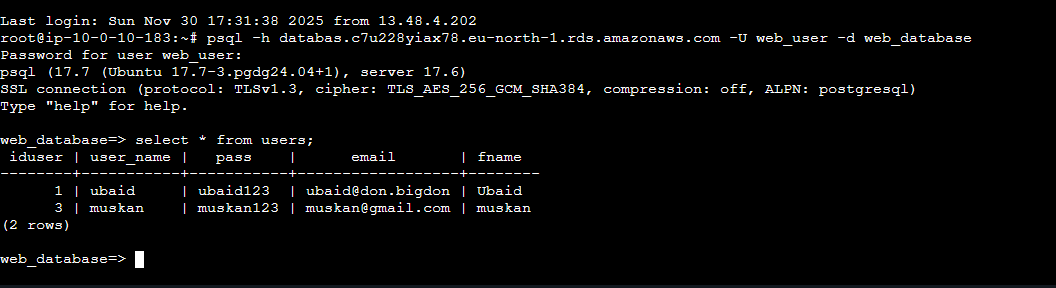
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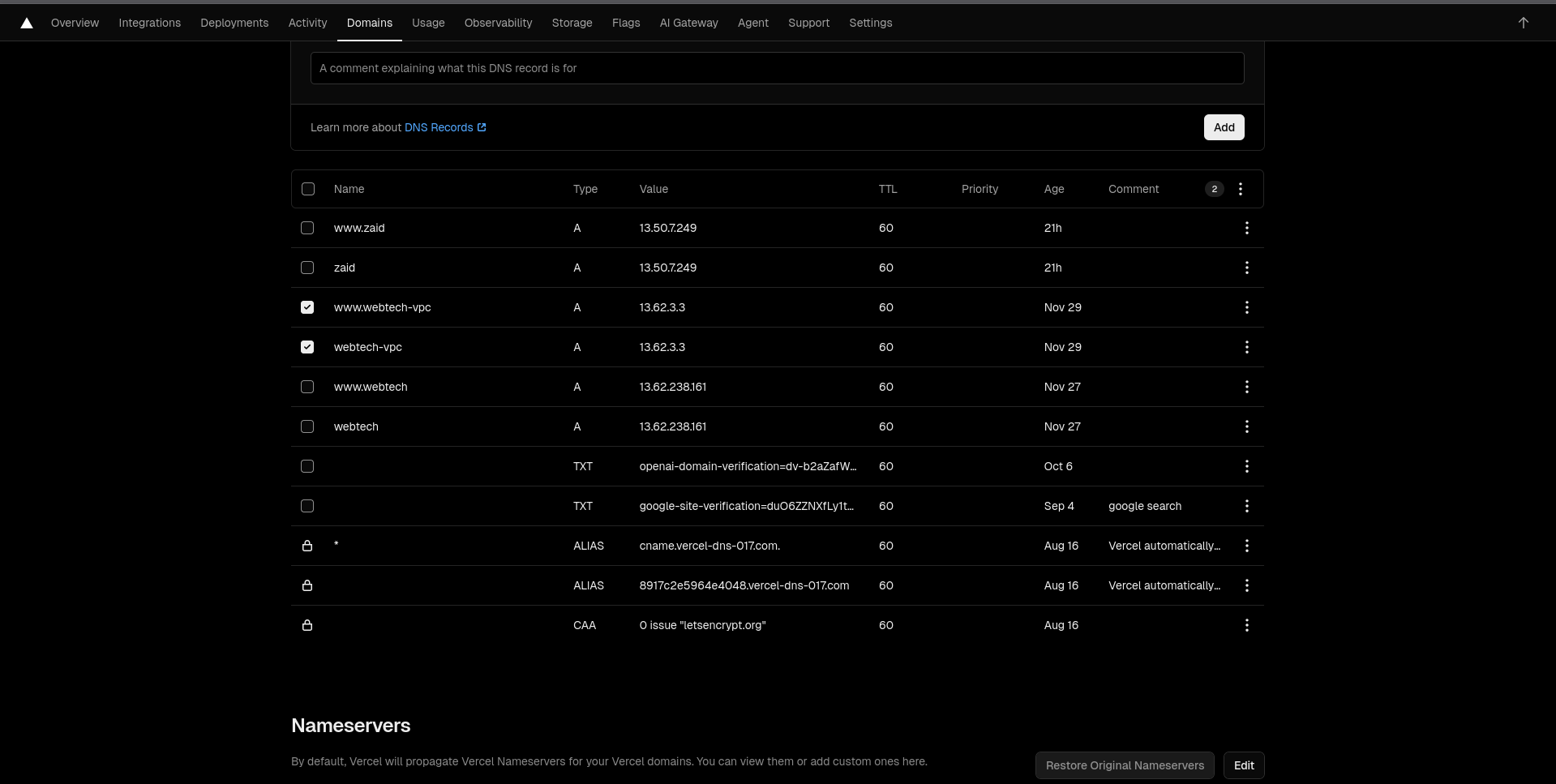
**RDS**

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## Domain pointing



**SSL Certificate Installation (Certbot)**

Install Certbot and generate your SSL certificate:

sudo apt install certbot python3-certbot-apache -y

sudo certbot --apache -d webtech.uabidbinwaris.dev -d www.webtech.uabidbinwaris.dev

After SSL is successfully issued, verify the HTTPS setup:

curl -I https://webtech.uabidbinwaris.dev

curl -I <https://www.webtech.uabidbinwaris.dev>

Ensure EC2 security group allows inbound HTTP(80), HTTPS(443), and SSH(22).

**Reverse Proxy Setup**

SSL Certificate Installation (Certbot)

Install Certbot and configure SSL:

sudo apt install certbot python3-certbot-apache -y

sudo certbot --apache -d webtech.uabidbinwaris.dev -d www.webtech.uabidbinwaris.dev

## Acunetix web Scan

