

# CVWO ASSIGNMENT WEB FORUM - Homework Help (HWH)

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## Project Details

Homework Help is a web forum that students can use to get help for their homework.

### Github Repos:

Frontend: <https://github.com/Gareth2YuSheng/hwh-frontend>

Backend: <https://github.com/Gareth2YuSheng/hwh-backend>

### Frontend: React with Redux

Hosted On: AWS Amplify

### Backend: Golang

Hosted On: AWS EC2, Proxy to HTTPS using AWS API Gateway

### Database: PostgreSQL

Hosted On: AWS RDS

### Media Storage: Cloudinary

## Overall List of Features

### Authentication:

Login (Using JWT) <ul style="list-style-type: none"><li>- Username Only</li><li>- Username and Password</li></ul>	Register Account <ul style="list-style-type: none"><li>- Username Only</li><li>- Username and Password</li></ul>
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### User Functionalities:

Threads: <ul style="list-style-type: none"><li>- Create Threads<ul style="list-style-type: none"><li>- With Photos</li><li>- Tagging the Thread<ul style="list-style-type: none"><li>- Create New Tag</li></ul></li></ul></li><li>- Edit Threads</li><li>- Delete Threads</li><li>- View Threads<ul style="list-style-type: none"><li>- Search for Threads</li><li>- Filter by Thread Tag</li></ul></li></ul>	Comments: <ul style="list-style-type: none"><li>- Create Comments</li><li>- Delete Comments</li><li>- View Comments</li><li>- Edit Comments</li><li>- Mark as Correct</li><li>- Upvote Downvote Comment</li></ul>
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### Additional Administrator Functionalities (Admin User Only):

- Delete Any Thread or Comment