ChatQueue Application

**Approach**:

* Used only C# Queues for the queuing logic
* Used .NET Core Web API for the Chat API Endpoints
  + **ChatSessionController**
* Created a **ChatQueueService** to perform the following:
  + Add User Session to Queue
  + Assign User Session to an Available Agent
  + Poll User Session from Queue
* Created two Service Workers:
  + **AgentCoordinatorWorker**
    - Handles the Assign User Session to an Available Agent
  + **PollWorker**
    - Handles the Polling of User Session from the Queue
* Mocker
  + Created a Mocked Data for In-Memory data an Unit Testing
* Used Postman (attached postmancollection) for Unit Testing via Postman Runner to simulate multiple API calls

A screenshot of a computer

AI-generated content may be incorrect.