Technical Task

Task:
Build a RESTful API using Laravel Vapor and implement a queue worker using Redis.

Requirements:

- Use Laravel Vapor to deploy the application on AWS infrastructure.
- Create a RESTful API with the following endpoints:
    - GET /users: Returns a list of all users.
    - GET /users/{id}: Returns a specific user by ID.
    - POST /users: Creates a new user.
    - PUT /users/{id}: Updates an existing user by ID.
    - DELETE /users/{id}: Deletes a user by ID.
- Use Redis for queue management to implement a queue worker that processes background jobs.
- Use MySQL to store user data.

Deliverables:

- A functional RESTful API with the specified endpoints and Redis queue worker.
- A deployed application running on Laravel Vapor.
- A GitHub repository containing the application code, Dockerfile, Vapor configuration files, and any other necessary scripts or configuration files.
- A README file that explains the setup and deployment process, as well as any additional information or notes.

Evaluation:

- The completeness and correctness of the API endpoints.
- The efficiency and accuracy of the Redis queue worker.
- The quality and readability of the code.
- The effectiveness of the deployment using Laravel Vapor.
- The overall functionality and performance of the application.

Note: The specific application requirements and endpoints can be adjusted based on the company's needs and technology stack.