

# Zapper Payments Assignment

- You are responsible for developing a Web API that captures and reports payments.
- You will start off with an existing project that has a simple endpoint for capturing a payment.
- The project includes unit tests, some of which are currently failing.

Your mission, if you choose to accept it, will be to:

1. Clone git repository: <https://github.com/d-fort/assessment>
  2. Extend the Web API project to include an endpoint that returns a list of transactions.
    - a. The caller should be able to filter results based on status, and start and ending dates.
    - b. Bonus points for allowing pagination.
  3. Fix the failing unit test(s).
  4. Extend the existing capture endpoint to allow for a maximum transaction value of R5000.00.
  5. Extend the existing capture endpoint to validate the input.
  6. Implement security on the existing endpoints using basic authentication. For the sake of the assignment, the username and password provided should match the values in the **web.config**
- **Bonus:** Add Docker support