

AeroAspire -SDE Intern Training

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Tasks:

- Authentication (token-based)
- Logging
- Testing (unit tests)

Questions:

1. Explain full request-response cycle including network, HTTP headers.
 - a. User sends a HTTP request to server
 - b. Requests endpoints and operates
 - c. The network establishes connection between server
 - d. Server responds with status codes a response json or body
 - e. This response is sent to the client that is the user
 - f. This is processed by the browser and the content and response is displayed
2. What do you need to consider for security (e.g. input validation, sanitization, auth) even if simple app.
 - a. Check for valid input
 - b. Authenticate by checking user id and password
 - c. Authorization by checking if the user cant access any other id's data
 - d. Encrypting the data using HTTP requests
 - e. Display required error messages and status code
3. How would you monitor errors in production?
 - a. One thing I noticed we can check errors is through the auto generated app log
 - b. We can see if any errors occur on any endpoint we access
 - c. We can check terminal every time any changes are made a traceback message is shown
 - d. This also shows the files having errors
 - e. The status codes are also shown in the terminal