

NAVYA NARAYAN PANICKER

WEEK 4 DAY 5: 17/10/25 [FRIDAY]

TASK : Connect React app to DB-backed API; handle blank data, no tasks, DB connection errors

QUESTIONS/REFLECTIONS:

1. What happens if DB is down: how does the app error?
 - If the db is down then the app cannot get the data
 - Backend will return an error
 - Sometimes the database is fine but the data is missing
 - It will return empty bracket
2. How to handle empty result sets gracefully on frontend?
 - Sometimes the db is fine but there is no data
 - Backend returns an empty list
 - User gets a message saying data is not available.
3. Describe full flow: user requests data → API queries DB → response to frontend → frontend renders or shows “no items” message.
 - user requests the data: open the page
 - the api will receive the request
 - db returns: data or an empty result is returns
 - api will send a response
 - frontend render: the data shows if its available or no found error if its not available