API Test Coverage Checklist

Plan practical, risk-aware API regression tests

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- Verify method, endpoint, headers, authentication, and content type.
- Cover valid, missing, malformed, boundary, and unexpected inputs.
- Validate status codes, response schema, required fields, and types.
- Test pagination, filtering, sorting, and query combinations.
- Check business rules, state changes, and side effects.
- Test unauthenticated access and role permissions.
- Use deterministic synthetic data and redact sensitive logs.
- Track coverage by endpoint, risk, and positive or negative scenario.