OTP Generation Testing
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- Check OTP length: Make sure it's between 4 to 8 characters long.
- Validate OTP characters: Ensure only letters and numbers are used.
- Confirm OTP randomness: Check if it seems random and unpredictable.
- Verify OTP timeout: Make sure it expires after the set time.
- Test OTP at the same time: Check if multiple users can get OTPs without mix-ups.
- Handle errors: See how the system reacts to mistakes or problems.
- Test extremes: Try really short or really long OTPs.
- Test under pressure: See if it still works when lots of people use it.
- Keep it safe: Check if the OTPs are protected from being stolen.
- Try getting new OTPs: Make sure new ones can be generated when needed.
- Check it works together: See if it works well with other systems.
- Use OTPs more than once: See if they can be used again.
- Make sure it works everywhere: Test it on different devices and systems.
- Test getting back in: Make sure there's a way to get back in if you lose your OTP