**EXERCISE CHAPTER 27**

**Exercise 1: Assign Requirement Statuses**

**Objective:** Practice assigning appropriate lifecycle statuses to different requirement examples.

**Task:**  
You are given the following requirement descriptions:

1. "The system shall authenticate users via two-factor authentication."
2. "Add export-to-Excel functionality in reports."
3. "Integrate with the new CRM, pending vendor confirmation."
4. "The user shall receive an email confirmation after submitting an order."
5. "A dashboard shall display real-time KPIs – discussed but not confirmed."
6. “The mobile app shall support biometric login (fingerprint or face ID)”.
7. “The mobile app shall support biometric login (fingerprint or face ID).”
8. “All reports must be exportable to both PDF and CSV formats”
9. “The application shall use AI to automatically categorize expenses.”
10. “Users shall be able to reset their password via email.”

**Instructions:**  
Assign a status to each requirement using typical requirement statuses such as:

* Proposed
* Approved
* Implemented
* Verified
* Rejected
* Draft
* Deferred,…

Then explain the reason for suggested statuses

**Exercise 2:**

### Objective:

For each of the following 10 requirement examples, identify the **type of issue** based on these six categories:

* Requirement question
* Missing requirement
* Incorrect requirement
* Implementation question
* Duplicate requirement
* Unneeded requirement

Then, **briefly explain your reasoning**.

1. **"The system shall encrypt user passwords using Base64."**  
   – What kind of issue is this? Why?
2. **"Should we allow users to log in with their Google account?"**  
   – What type of requirement issue does this represent?
3. **"The user shall be able to delete their account permanently."**  
   (Note: This appears in both REQ-027 and REQ-053.)  
   – Which issue applies and why?
4. **There is no documented requirement for logging failed login attempts, but developers discovered the need during implementation.**  
   – What’s the issue type here?
5. **"Implement an auto-save feature for drafts every 2 minutes."**  
   (This feature was removed from the current sprint plan.)  
   – How would you classify this?
6. **Developers ask: “Should the search results be sorted by date or by relevance?”**  
   – What issue type does this represent?
7. **"The system shall support real-time messaging."**  
   (The product is an offline accounting app.)  
   – What kind of issue is this?
8. **"Customers shall receive invoices via email."**  
   (This is also written elsewhere as: “The system shall email invoices to customers.”)  
   – Identify the issue.
9. **Developers report there’s no requirement that specifies in which format the report should be exported.**  
   – What is this an example of?
10. **"The system shall validate the user’s phone number."**  
    (The business analyst is unsure if this is still necessary after the latest UI redesign.)  
    – How would you classify this requirement issue?

**Instructions:**

Write your answers in the following format:

**Item 1**  
Issue type: [Your chosen type]  
Explanation: [Why you chose this type]