SOFTWARE PROJECT MANAGEMENT

Lab 4: Backlog Tutorial & Report

Tool: Trello

Group: 14

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Backlog Table:

ID	Epic	User Story	Acceptance Criteria (Summary)	Priority (MOSCOW)	Story Points (Fib.)	Dependencies
US-01	Auth	As a user, I want...	Valid registration creates and logs in; shows inline error on invalid input.	M	3	None
US-02	Auth	As a user, I want...	Session persists; invalid credentials show clear error.	M	2	US-01
US-03	Task Mgt	As a Team Mem...	Tasks have full fields; task appears in assigned person's view.	M	5	US-02
US-10	Auth	As a user, I want...	HTTPS enforced; JWT used for authentication.	M	1	US-01
US-04	Dashboard	As a Project Ma...	Dashboard loads quickly; displays counts/charts for task states.	S	8	US-03
US-05	Social	As a Team Mem...	Allows editing own comments; comments appear chronologically.	S	3	US-03

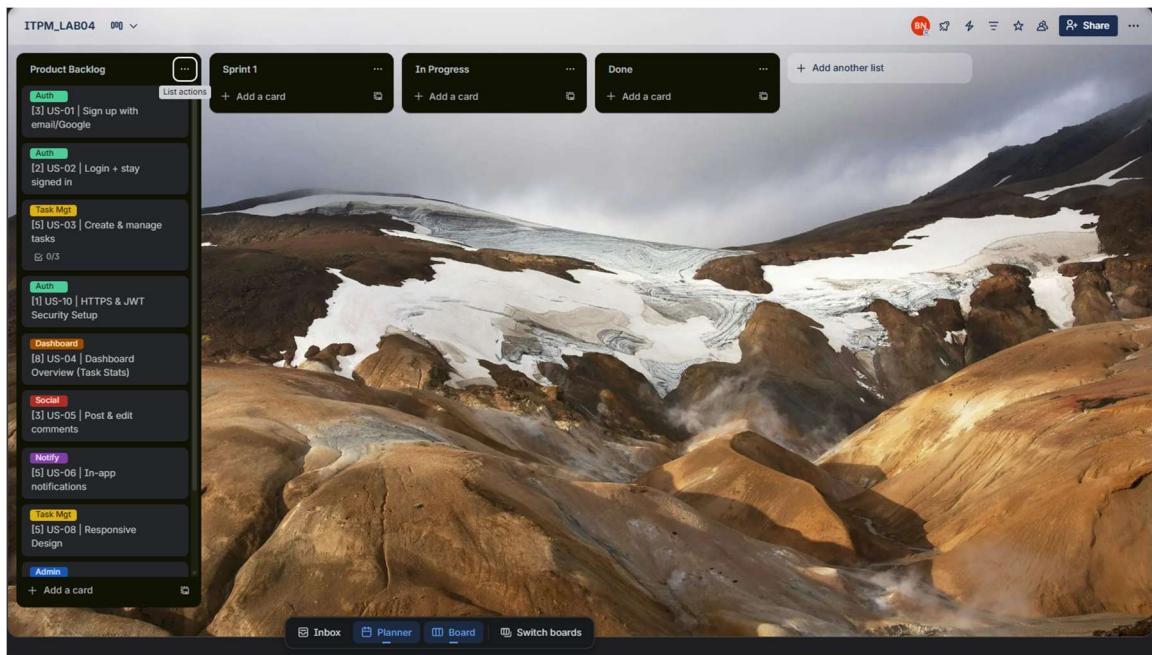| US-06	Notify	As a user, I want...	Alerts appear on a badge; clicking alert opens the related item.	S	5	US-03, US-05
US-08	Usability	As a user, I want...	All key pages are responsive; intuitive design.	S	5	US-03
US-07	Admin	As an Admin, I w...	Admin role required; successfully add, edit, or remove users.	C	8	US-02
US-09	Reporting	As a Project Ma...	CSV includes key task fields; successful download.	C	5	US-04

Section 2: Method Note (5–8 Bullets):

Method Note

- We extracted the core requirements (FR-01 to FR-05) and key non-functional requirements from the SRS (Lab 3) and translated them into 10 User Stories following the INVEST format.

- For each Must story, Acceptance Criteria were defined using the Given-When-Then pattern (BDD) to ensure clear, testable definitions of "done".

- Prioritization was performed using the MOSCOW method. Core functionalities (Authentication, Task Management) and necessary security (US-10) were marked as Musts (M).

- Estimation was conducted using Planning Poker with Fibonacci Story Points (1, 2, 3, 5, 8, 13). We used US-01 (Sign Up) as the baseline, assigning it 3 points.

- All stories were kept at or below 8 points, adhering to the rule to cap at 13 and split larger stories.

- We identified Dependencies based on logical flow: US-01 → US-02 (Registration must precede Login) and US-02 → US-03 (Login must precede Task Creation), establishing the development foundation.

Section 3: Backlog Screenshot:

○ [5] US-03 | Create & manage tasks

+ Add ⏱ Dates ☑ Checklist ⚇ Members ⬙ Attachment

Labels

Task Mgt +

☰ **Description**

Add a more detailed description...

☑ **Acceptance Criteria** Delete

0%

Add an item

☑ **Acceptance Criteria** Delete

0%

☐ Given I click "Create Task", when I fill required fields, then the task is created.

☐ Given a task is created, when I return to my view, then the task appears under the "To Do" status.

☐ Given I am the task creator or admin, when I try to edit/delete the task, then the action is permitted and changes are saved.

Add an item

💬 **Comments and activity** Show details

Write a comment...

BN **Bắp Ngô** added this card to Product Backlog
2 hours ago