

EpiTrello - User Stories Backlog

User Management

US-001: User Registration

As a new visitor

I want to create an account with email and password

So that I can access the application and create projects

Acceptance Criteria:

- Registration form with email, password, and password confirmation
- Email validation (valid format)
- Password strength requirements (min 8 characters)
- Error messages for invalid inputs
- Successful registration redirects to login or dashboard
- User data stored securely in MongoDB
- Password hashed before storage

Priority: High | **Sprint:** 2 | **Size:** M

US-002: User Login

As a registered user

I want to log in with my credentials

So that I can access my boards and projects

Acceptance Criteria:

- Login form with email and password fields
- JWT token generated on successful login
- Token stored securely (httpOnly cookie or localStorage)
- Invalid credentials show error message
- Successful login redirects to dashboard
- "Remember me" functionality (optional)

Priority: High | **Sprint:** 2 | **Size:** M

US-003: User Logout

As a logged-in user

I want to log out of my account

So that I can secure my session when leaving

Acceptance Criteria:

- Logout button visible in navigation/user menu
- Clicking logout clears authentication token
- User redirected to login page
- Session data cleared from client
- WebSocket connection closed

Priority: High | **Sprint:** 2 | **Size:** S

US-004: View User Profile

As a logged-in user
I want to view my profile information
So that I can see my account details

Acceptance Criteria:

- Profile page displays username, email
- Avatar/profile picture displayed if available
- Account creation date visible
- Navigation link to profile from main menu

Priority: Medium | **Sprint:** 2 | **Size:** S

US-005: Edit User Profile

As a logged-in user
I want to update my profile information
So that I can keep my details current

Acceptance Criteria:

- Edit form with username, email fields
- Option to upload/change profile picture
- Password change functionality (with current password verification)
- Form validation for all fields
- Success/error messages after save
- Changes reflected immediately in UI

Priority: Low | **Sprint:** 5 | **Size:** M

Board Management

US-006: Create Board

As a logged-in user

I want to create a new board

So that I can organize a new project

Acceptance Criteria:

- "Create Board" button on dashboard
- Modal/form with board name (required) and description (optional)
- Background color or image selection
- Board created with user as owner
- Redirect to newly created board
- Board appears in user's board list

Priority: High | **Sprint:** 2 | **Size:** M

US-007: View All Boards

As a logged-in user

I want to see a list of all my boards

So that I can access my projects easily

Acceptance Criteria:

- Dashboard displays all boards user owns or is member of
- Board cards show title, background preview
- Grid or list view layout
- Click on board navigates to board detail
- Visual distinction between owned and shared boards
- Empty state message when no boards exist

Priority: High | **Sprint:** 2 | **Size:** S

US-008: View Board Details

As a board member

I want to open and view a board

So that I can see all lists and cards

Acceptance Criteria:

- Board displays all lists in order
- Board title visible at top
- Background/theme applied
- All cards visible within lists
- Responsive layout for different screen sizes

Loading state while fetching data

Priority: High | **Sprint:** 2 | **Size:** M

US-009: Edit Board

As a board owner

I want to modify board details

So that I can update project information

Acceptance Criteria:

- Board settings/menu accessible from board view
- Edit form for title, description
- Option to change background
- Changes saved to database
- Updates synchronized in real-time for other users
- Success confirmation message

Priority: Medium | **Sprint:** 3 | **Size:** S

US-010: Delete Board

As a board owner

I want to delete a board

So that I can remove completed or unwanted projects

Acceptance Criteria:

- Delete option in board menu
- Confirmation dialog before deletion
- Board and all associated lists/cards removed from database
- User redirected to dashboard after deletion
- All board members notified (if real-time enabled)
- Cannot be undone warning

Priority: Medium | **Sprint:** 3 | **Size:** M

US-011: Archive Board

As a board owner

I want to archive a board

So that I can hide it without deleting

Acceptance Criteria:

- Archive option in board menu
- Archived boards don't show in main board list
- Separate view for archived boards
- Option to restore archived board
- Board data preserved in database

Priority: Low | **Sprint:** Bonus | **Size:** S

List Management

US-012: Create List

As a board member
I want to add a new list to a board
So that I can organize cards into categories

Acceptance Criteria:

- "Add List" button visible at end of lists
- Input field for list title
- List created with Enter key or "Add" button
- New list appears at the end of board
- List saved to database
- Real-time sync for other users

Priority: High | **Sprint:** 3 | **Size:** M

US-013: Edit List Title

As a board member
I want to rename a list
So that I can update category names

Acceptance Criteria:

- Click on list title to edit
- Inline editing with text input
- Save on Enter or click outside
- Cancel on Escape key
- Title updated in database
- Changes synced in real-time

Priority: High | **Sprint:** 3 | **Size:** S

US-014: Delete List

As a board member

I want to remove a list

So that I can clean up unused categories

Acceptance Criteria:

- Delete option in list menu
- Confirmation dialog
- List and all cards removed from database
- Board updates immediately
- Other users see change in real-time

Priority: Medium | **Sprint:** 3 | **Size:** S

US-015: Reorder Lists (Drag & Drop)

As a board member

I want to drag and drop lists to reorder them

So that I can organize workflow stages logically

Acceptance Criteria:

- Lists draggable horizontally
- Visual feedback during drag (placeholder, shadow)
- Drop zones clearly indicated
- New order saved to database
- Smooth animation
- Real-time position updates for other users

Priority: High | **Sprint:** 4 | **Size:** L

US-016: Archive List

As a board member

I want to archive a list

So that I can hide it without deleting cards

Acceptance Criteria:

- Archive option in list menu
- Archived lists hidden from board view
- Option to view archived lists
- Can restore archived list
- Cards preserved in database

Card Management

US-017: Create Card

As a board member

I want to add a card to a list

So that I can represent a task or item

Acceptance Criteria:

- "Add Card" button at bottom of each list
- Quick-add with title field
- Card created on Enter or "Add" button
- New card appears at bottom of list
- Card saved to database with unique ID
- Real-time sync for other users

Priority: High | **Sprint:** 3 | **Size:** M

US-018: View Card Details

As a board member

I want to click on a card to see full details

So that I can view all information about the task

Acceptance Criteria:

- Clicking card opens detail modal/page
- Display title, description, due date, labels
- Show assigned members
- Display checklists and comments
- Show card activity history
- Close button to return to board

Priority: High | **Sprint:** 3 | **Size:** M

US-019: Edit Card Title

As a board member

I want to change a card's title

So that I can update task information

Acceptance Criteria:

- Editable title field in card detail view
- Also allow quick edit from board view (optional)
- Changes saved automatically or on blur
- Title updated in database
- Real-time updates for other users

Priority: High | **Sprint:** 3 | **Size:** S

US-020: Add Card Description

As a board member

I want to add a detailed description to a card

So that I can provide context and information

Acceptance Criteria:

- Description textarea in card detail view
- Markdown support for formatting (optional)
- Save button to persist changes
- Description stored in database
- Rich text preview (if markdown enabled)

Priority: Medium | **Sprint:** 3 | **Size:** M

US-021: Delete Card

As a board member

I want to remove a card

So that I can eliminate unnecessary tasks

Acceptance Criteria:

- Delete option in card menu
- Confirmation dialog
- Card removed from database
- Board updates immediately
- Real-time sync for other users

Priority: Medium | **Sprint:** 3 | **Size:** S

US-022: Move Card Between Lists (Drag & Drop)

As a board member

I want to drag a card from one list to another

So that I can update task status

Acceptance Criteria:

- Cards draggable within and between lists
- Visual feedback during drag
- Drop zones highlighted
- Card position updated in database
- Smooth animations
- Real-time updates for all users

Priority: High | **Sprint:** 4 | **Size:** L

US-023: Reorder Cards Within List

As a board member

I want to drag cards to reorder them in a list

So that I can prioritize tasks

Acceptance Criteria:

- Cards draggable vertically within list
- Visual feedback and placeholders
- New order persisted to database
- Smooth animations
- Real-time position sync

Priority: High | **Sprint:** 4 | **Size:** M

US-024: Add Labels to Card

As a board member

I want to add colored labels to cards

So that I can categorize and visually distinguish tasks

Acceptance Criteria:

- Label selector in card detail view
- Predefined color options
- Custom label names
- Multiple labels per card
- Labels visible on card in board view
- Labels saved to database

Priority: Low | **Sprint:** Bonus | **Size:** M

US-025: Set Card Due Date

As a board member

I want to add a due date to a card

So that I can track deadlines

Acceptance Criteria:

- Date picker in card detail view
- Due date displayed on card (board view)
- Visual indicator for overdue cards
- Option to remove due date
- Due date stored in database

Priority: Low | **Sprint:** Bonus | **Size:** M

US-026: Add Checklist to Card

As a board member

I want to create checklists within a card

So that I can break down tasks into subtasks

Acceptance Criteria:

- Add checklist button in card detail
- Name checklist
- Add/remove checklist items
- Check/uncheck items
- Progress bar showing completion
- Checklist data saved to database

Priority: Low | **Sprint:** Bonus | **Size:** L

US-027: Add Comments to Card

As a board member

I want to comment on a card

So that I can discuss and provide updates

Acceptance Criteria:

- Comment section in card detail view
- Text input for new comments
- Display all comments with author and timestamp
- Edit/delete own comments
- Comments saved to database

- Real-time comment updates

Priority: Low | **Sprint:** Bonus | **Size:** L

Real-Time Collaboration

US-028: Share Board with Users

As a board owner

I want to invite other users to my board

So that we can collaborate on the project

Acceptance Criteria:

- "Share" or "Invite" button on board
- Search for users by email/username
- Send invitation or add directly
- Invited users see board in their dashboard
- Board membership stored in database

Priority: High | **Sprint:** 4 | **Size:** L

US-029: View Board Members

As a board member

I want to see who has access to the board

So that I know who I'm collaborating with

Acceptance Criteria:

- Member list visible in board menu/sidebar
- Display member avatars and names
- Show online status (if real-time enabled)
- Owner/admin indicated clearly

Priority: Medium | **Sprint:** 4 | **Size:** S

US-030: Remove Board Member

As a board owner

I want to remove a member from the board

So that I can control access

Acceptance Criteria:

- Remove option for each member (owner only)

- Confirmation dialog
- Member loses access immediately
- Board removed from member's dashboard
- Member notified (optional)

Priority: Medium | **Sprint:** 5 | **Size:** M

US-031: Assign Member to Card

As a board member

I want to assign team members to cards

So that responsibilities are clear

Acceptance Criteria:

- Member selector in card detail view
- List shows all board members
- Multiple members can be assigned
- Assigned members shown on card (avatars)
- Assignments saved to database
- Real-time updates

Priority: High | **Sprint:** 5 | **Size:** M

US-032: Board Permission Levels

As a board owner

I want to set different permission levels for members

So that I can control what actions they can perform

Acceptance Criteria:

- Permission levels: Admin, Member, Viewer
- Admins can edit board settings and members
- Members can edit lists and cards
- Viewers can only view, not edit
- Permissions enforced on backend
- UI adapts based on user permissions

Priority: Medium | **Sprint:** 5 | **Size:** L

US-033: Real-Time Board Synchronization

As a board member

I want to see changes made by others instantly

So that I'm always viewing the current state

Acceptance Criteria:

- WebSocket connection established on board load
- All CRUD operations broadcast to connected users
- Board UI updates automatically
- No page refresh needed
- Conflicts handled gracefully
- Connection status indicator

Priority: High | **Sprint:** 6 | **Size:** XL

US-034: Receive Notifications

As a board member

I want to be notified of important actions

So that I stay informed about project changes

Acceptance Criteria:

- Notifications for: card assignments, mentions, comments
- Notification icon/badge in header
- Notification list showing recent activity
- Click notification navigates to relevant card/board
- Mark as read functionality
- Notifications stored in database

Priority: Medium | **Sprint:** 6 | **Size:** L

US-035: See Active Users

As a board member

I want to see who else is viewing the board

So that I know who's currently active

Acceptance Criteria:

- Active user avatars displayed on board header
- Users appear when they join
- Users disappear when they leave or disconnect
- Cursor/presence indicators (optional)
- Maximum 10+ simultaneous users supported

Priority: Low | **Sprint:** 6 | **Size:** M

Bonus Features

US-036: Search Cards

As a board member

I want to search for cards by title or content

So that I can quickly find specific tasks

Acceptance Criteria:

- Search input in board header
- Search through card titles and descriptions
- Results highlighted or filtered in view
- Clear search button
- Search works across all lists

Priority: Low | **Sprint:** Bonus | **Size:** M

US-037: Filter Cards

As a board member

I want to filter cards by labels, members, or due dates

So that I can focus on relevant tasks

Acceptance Criteria:

- Filter menu with multiple options
- Filter by: labels, assigned members, due date range
- Multiple filters can be combined
- Filtered cards highlighted or shown exclusively
- Clear all filters button

Priority: Low | **Sprint:** Bonus | **Size:** M

US-038: View Activity History

As a board member

I want to see a history of all board actions

So that I can track what has been done

Acceptance Criteria:

- Activity log accessible from board menu
- Display all actions with timestamp and user
- Actions include: card created/moved, list added, etc.
- Filter activity by type or user

Paginated or infinite scroll for long histories

Priority: Low | **Sprint:** Bonus | **Size:** L

US-039: Export Board Data

As a board owner

I want to export board data

So that I can backup or use data elsewhere

Acceptance Criteria:

- Export option in board menu
- Export format: JSON or CSV
- Include all boards, lists, cards
- Download file to user's device
- Export preserves data structure

Priority: Low | **Sprint:** Bonus | **Size:** M

US-040: Dark Mode

As a user

I want to toggle between light and dark themes

So that I can reduce eye strain

Acceptance Criteria:

- Theme toggle in user menu or settings
- Dark theme applies to entire application
- Preference saved per user
- Smooth transition between themes
- All UI elements properly styled in both modes
- System preference detection (optional)

Priority: Low | **Sprint:** Bonus | **Size:** M

US-041: Archive Card

As a board member

I want to archive cards instead of deleting them

So that I can hide completed tasks without losing data

Acceptance Criteria:

- Archive option in card menu

- Archived cards hidden from board view
- View archived cards option
- Restore archived card
- Card data preserved in database

Priority: Low | **Sprint:** Bonus | **Size:** S

Summary

Total User Stories: 41

By Priority:

- High: 20 stories
- Medium: 11 stories
- Low: 10 stories

By Sprint:

- Sprint 1: 8 stories (Auth + Boards)
- Sprint 2: 10 stories (Lists + Cards)
- Sprint 3: 3 stories (Drag & Drop)
- Sprint 4: 5 stories (Collaboration)
- Sprint 5: 3 stories (Real-time)
- Bonus: 12 stories (Advanced features)

Estimated Sizes:

- XS: 0 stories
 - S: 10 stories
 - M: 18 stories
 - L: 10 stories
 - XL: 1 story (Real-time sync)
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This backlog prioritizes MVP functionality first, with bonus features to be implemented if time permits.