

StandupBot - Async Daily Standup Tracker

Product Overview

Problem Statement: Remote and hybrid teams struggle with synchronous standup meetings - time zones don't align, meetings get skipped, and there's no historical record of what everyone worked on. Team leads have no visibility into blockers until it's too late.

Solution: An asynchronous standup tool where team members submit their daily updates at their convenience, and team leads can review all updates and identify blockers quickly.

Target Users:

- Team members who need to submit daily updates
 - Team leads who need visibility into team progress and blockers
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Core Features

Feature 1: Submit Daily Standup

User Story: As a team member, I want to submit my daily standup update so that my team knows what I'm working on without needing a live meeting.

Acceptance Criteria:

User sees a standup submission form with the following fields:

Field	Type	Required	Description
Jira ID	Text input	Yes	The ticket ID (e.g., "PROJ-1234")
Task Description	Text area	Yes	What are you working on for this ticket
Percentage Complete	Dropdown/Slider	Yes	Progress: 0%, 25%, 50%, 75%, 100%
Has Blocker	Checkbox	No	Toggle if you're blocked
Blocker Description	Text area	Conditional	What's blocking you + who can help (required if Has

			Blocker is checked)
Next Task	Text area	Yes	The next concrete task you'll pick up

- Submit button saves the standup
- After submission:

- Success message shown
- User sees their submitted standup formatted as:

```
Task: PROJ-1234 - Implement user authentication - 75% done
Blockers: Waiting for API credentials from DevOps team (@john can help)
Next: Start integration testing for login flow
```

- Option to edit (until end of day)
- Date is automatically set to today

Display Format:

When viewing a standup (in history, team view, etc.), it should display in this clean format:

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Task: <JIRA-ID - Task Description> - <XX% done>
Blockers: None / <Blocker Description + who can help>
Next: <Next Task>
```

Example Submissions:

- Example 1 - With Blocker:

```
Task: AUTH-142 - Implement OAuth2 integration - 50% done
Blockers: Waiting for Google API credentials from @sarah (DevOps)
Next: Write unit tests for token refresh logic
```

- Example 2 - No Blocker:

```
Task: UI-89 - Dashboard redesign - 75% done
Blockers: None
Next: Add responsive breakpoints for mobile view
```

Business Rules:

- User can submit only ONE standup per day
- If user already submitted today, show their submission with "Edit" option instead of empty form
- If "Has Blocker" is checked, "Blocker Description" becomes required
- If "Has Blocker" is unchecked, "Blocker Description" is hidden/disabled

- Submission timestamp is recorded
 - Percentage complete helps team leads identify stuck tasks (items at same % for multiple days)
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Feature 2: View My Standup History

User Story: As a team member, I want to see my past standup submissions so that I can remember what I worked on and track my own progress.

Acceptance Criteria:

- User can access "My History" section
- Shows list of user's past standups in reverse chronological order (newest first)
- Each entry displays:
 - Date
 - Task in same format as in feature 1
- Show last 10 days by default

Business Rules:

- User can only see their OWN standup history
 - Cannot edit past standups (only today's can be edited)
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Feature 3: Team Lead - View Team Standups

User Story: As a team lead, I want to see all my team members' standups for any given date so that I can stay informed about team progress without scheduling meetings.

Acceptance Criteria:

- Team lead sees a "Team Dashboard" section
- Date picker to select which day to view (default: today)
- Shows all team members in a list/card view:
 - Member name
 - Submission status: Submitted ✓ / Not Submitted X
 - If submitted: Preview of their "Today" section
 - Blocker badge if they marked having a blocker
- Summary at top: "5 of 7 team members have submitted today"

Business Rules:

- Can view standups for any past date (no future dates)

- Members without submission show as "Not Submitted" with visual indicator
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Feature 4: Team Lead - Submission Status Dashboard

User Story: As a team lead, I want to quickly see who has and hasn't submitted their standup today so that I can follow up with missing submissions.

Acceptance Criteria:

- Dashboard shows two clear sections:
 - "Submitted Today" - list of team members who have submitted
 - "Waiting For" - list of team members who haven't submitted yet
- Visual progress indicator: "5/7 submitted" with progress bar

Business Rules:

- Based on current date only
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Feature 5: Team Lead - Flag Critical Blockers

User Story: As a team lead, I want to acknowledge and flag critical blockers so that my team knows I'm aware and working on removing obstacles.

Acceptance Criteria:

- When viewing a standup with a blocker, team lead sees:
 - The blocker text highlighted
 - "Mark as Critical" button
 - "Mark as Resolved" button
- Blocker statuses:
 - New: Just reported, not yet reviewed
 - Critical: Team lead flagged as needing immediate attention
 - Resolved: Team lead marked as handled
- Critical blockers appear in a separate "Critical Blockers" section on the dashboard
- Team member can see the status of their blocker in their history

Business Rules:

- Only team leads can change blocker status
- Blocker status changes are logged with timestamp

- A resolved blocker stays in history but doesn't appear in active blocker list
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Feature 6: Standup Reminders (Simplified)

User Story: As a team member, I want to be reminded if I haven't submitted my standup so that I don't forget.

Acceptance Criteria:

- If user hasn't submitted today and it's past 10 AM:
 - Show a banner/notification on the main page: "You haven't submitted today's standup yet!"
 - Banner links directly to submission form
- Banner dismisses after submission

Business Rules:

- Reminder shows only for current user
 - No email/push notifications (out of scope for training)
 - Simple visual reminder only
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UI Screens Required

For All Users

1. Today's Standup (Main Screen)
 - If not submitted: Empty form to fill
 - If submitted: View of today's standup with Edit button
 - Reminder banner if not submitted and past 10 AM
2. My History Page
 - List of past standups

For Team Leads (Additional Screens)

3. Team Dashboard
 - Date picker
 - Submission status summary (X of Y submitted)
 - List of all team members with their standup preview
 - Critical blockers section at top

4. Member Detail View

- Full standup details for selected team member
- Blocker status management buttons

Navigation

- Header with: Today's Standup | My History | Team Dashboard (if lead)
 - User name and role display
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Out of Scope (For This Training)

- User authentication/login (use hardcoded users)
 - Multiple teams (use single team)
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Sample Data for Testing

Team: "Product Engineering"

Members:

Name	Role
Alice Johnson	Lead
Bob Smith	Member
Carol White	Member
David Brown	Member
Eve Davis	Member

Sample Standup (Bob, Today):

- Jira ID: "PAY-234"
- Task Description: "Payment gateway integration with Stripe"
- Percentage Complete: 50%
- Has Blocker: Yes
- Blocker Description: "Waiting for API credentials from the payment provider - @sarah from DevOps can help"
- Next Task: "Write error handling for failed transactions"

Displayed as:

```
Task: PAY-234 - Payment gateway integration with Stripe - 50%
done
Blockers: Waiting for API credentials from the payment provider -
@sarah from DevOps can help
Next: Write error handling for failed transactions
```

Success Metrics (For Judging)

Criteria	Points
Can submit a standup with all fields	12
Cannot submit duplicate standup for same day	5
Can edit today's standup	8
Can view own standup history	8
Team lead can view all team standups	13
Submission status shows who submitted/pending	8
Blocker flag is visible and highlighted	8
Lead can mark blocker as critical/resolved	8
UI is clean and intuitive	8
Code is well-structured	10
Presentation (professional delivery, demo flow)	12

Total: 100 points

User Flows

Flow 1: Team Member Morning Routine

1. Open app
2. See "You haven't submitted today's standup" banner (if applicable)
3. Enter Jira ID (e.g., "PROJ-456")
4. Enter Task Description (e.g., "Implement login validation")
5. Select Percentage Complete (e.g., 75%)
6. Check "I have a blocker" if needed
 - If checked: Enter blocker description + who can help
7. Enter Next Task (e.g., "Start password reset flow")
8. Click Submit
9. See confirmation with formatted standup:
Task: PROJ-456 - Implement login validation - 75% done
Blockers: None
Next: Start password reset flow

Flow 2: Team Lead Daily Review

1. Open app
2. Navigate to Team Dashboard
3. See "4 of 5 submitted" summary

4. Notice Eve hasn't submitted yet
5. See Bob has a blocker flagged
6. Mark blocker as "Critical"
7. Return to dashboard - blocker appears in Critical section

Flow 3: Edit Mistake in Standup

1. Open app
2. See today's submitted standup
3. Click "Edit"
4. Modify the "Today" field
5. Click "Save Changes"
6. See updated standup with "Last edited at" timestamp