

# Reward Bot: A smart bot-based reward and recognition system for software engineering teams

## Design Sketch

The user opens Slack and clicks on their organization's channel. On the left pane of the screen, they'll find a channel #RewardBot. Tagging the bot on the channel will start the interaction. The bot displays three options: Award points, Redeem points, and Leaderboard.

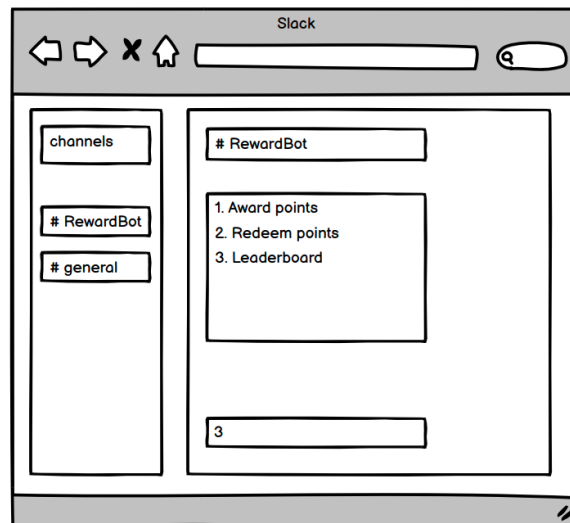


Figure 1. Dashboard

**Scenario 1:** If the user chooses to redeem points, the RewardBot displays the current points of the user along with a list of available rewards. Users can select the reward they need and click on the claim button.

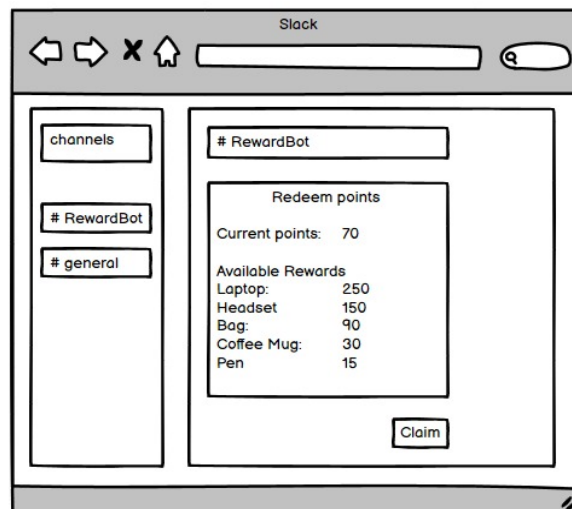


Figure 2. Redeem points

**Scenario 2:** If the user chooses to view the leaderboard, the reward bot will display a leaderboard containing the name of the employees and their points in descending order.

The image shows a Slack window with a sidebar on the left containing 'channels' and buttons for '# RewardBot' and '# general'. The main area displays the '# RewardBot' channel header and a 'Leaderboard' box. The leaderboard is a table with two columns: '# Name' and 'Points'. It lists five employees: Max (100), Judy (95), John (80), Michael (75), and Nancy (60). Below the table is an empty input field.

# Name	Points
1. Max	100
2. Judy	95
3. John	80
4. Michael	75
5. Nancy	60

**Figure 3.** Leaderboard

**Scenario 3:** The user enters the option to award points, and the reward bot displays a form where the user can fill in the name of the person to whom they are willing to award the points, the number of points awarded, and the contribution.

The image shows a Slack window with a sidebar on the left containing 'channels' and buttons for '# RewardBot' and '# general'. The main area displays the '# RewardBot' channel header and an 'Award Points' box. The form contains the following text: 'To: John', 'Points: 10 (Default)', and 'Work: helped in normalization of datasets'. Below the text is an empty input field.

**Figure 4.** Award points