YTL SUMMER INTERNSHIP

Interns

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Mentors

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LEARNING JOURNEY (TECH-STACK)

BACKEND

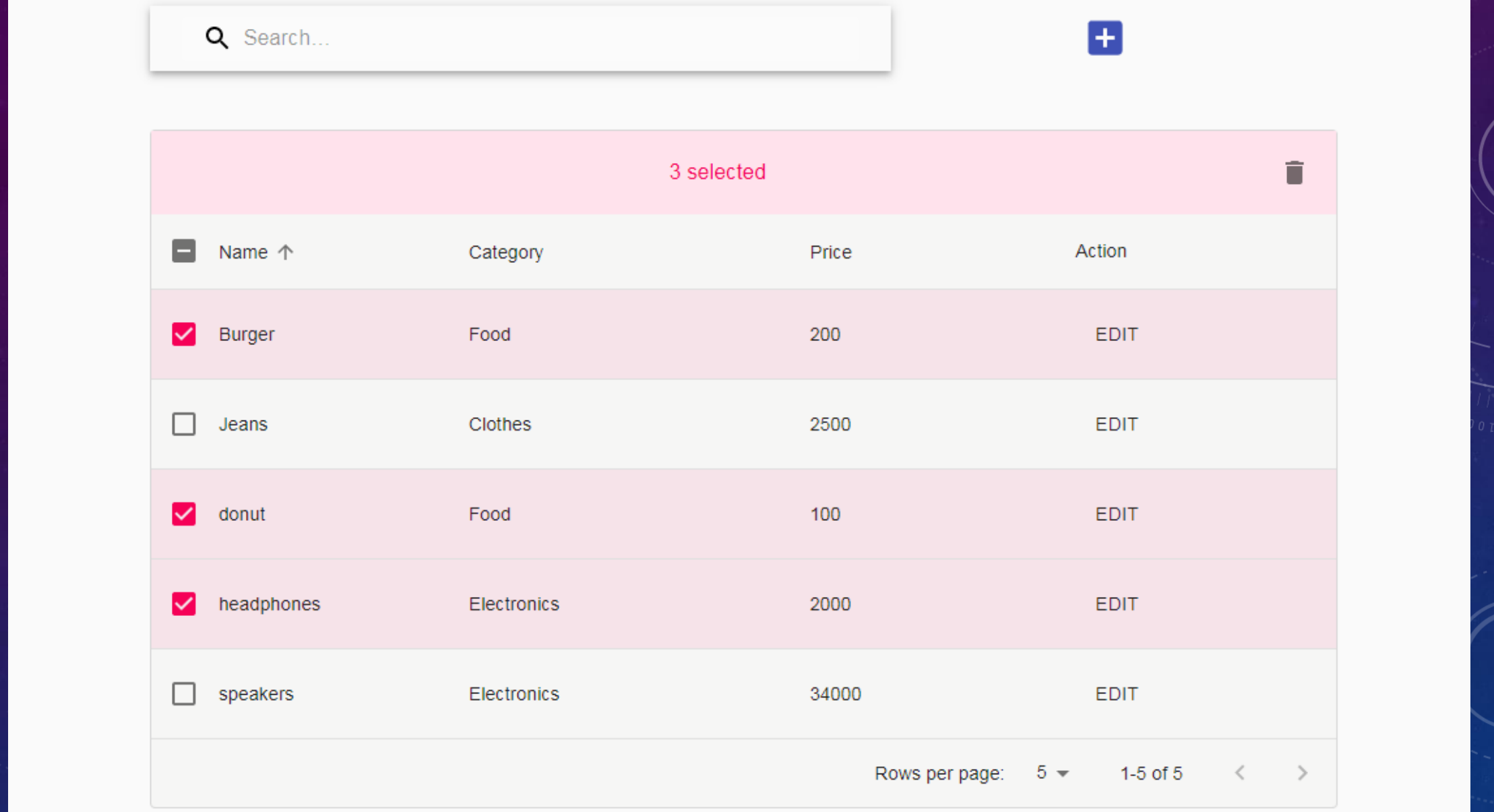
- Making REST APIs with Spring Boot
- Spring Data JPA , JPQL
- API integration
- Using Redis as Cache Layer
- Following coding standards

DATABASES

- MongoDB
- PostgreSQL
- Redis

FRONT-END

- Basics of HTML, CSS, JavaScript
- AJAX requests in JavaScript
- ReactJS
- React Hooks
- Material – UI
- Axios to send asynchronous HTTP request to REST endpoints
- API Integrations with backend application



Sample learning projects were build to fortify technical concepts

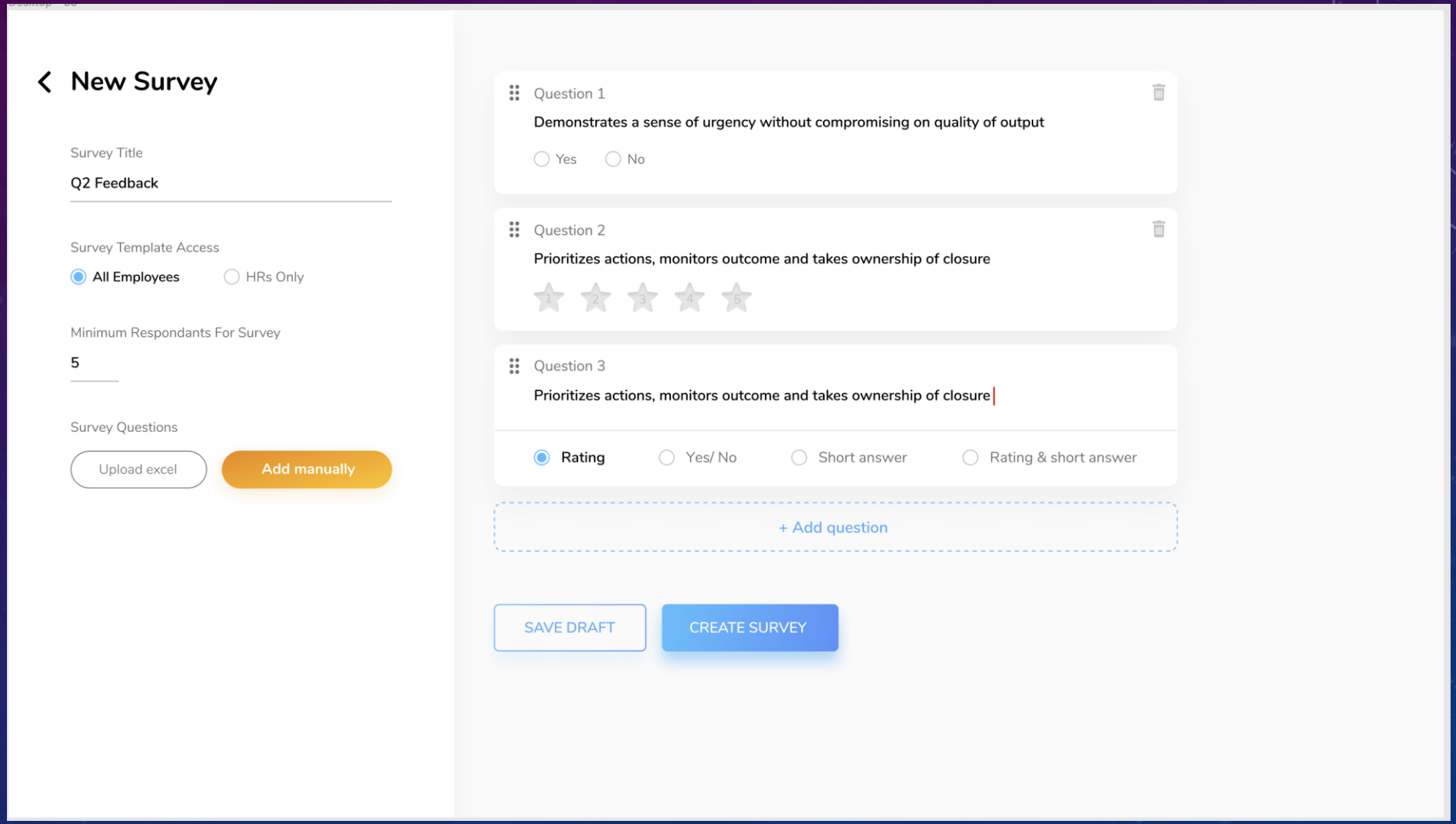
GENERIC SURVEY PLATFORM (INSIGHTPLUS 2.0)

- The objective is to create a generic survey platform where you can create a new survey, add questions to it, select participants & respondents and then send it out. The respondents fill these survey form which is then used to generate reports for each participant, while also providing views around response status from multiple perspectives.

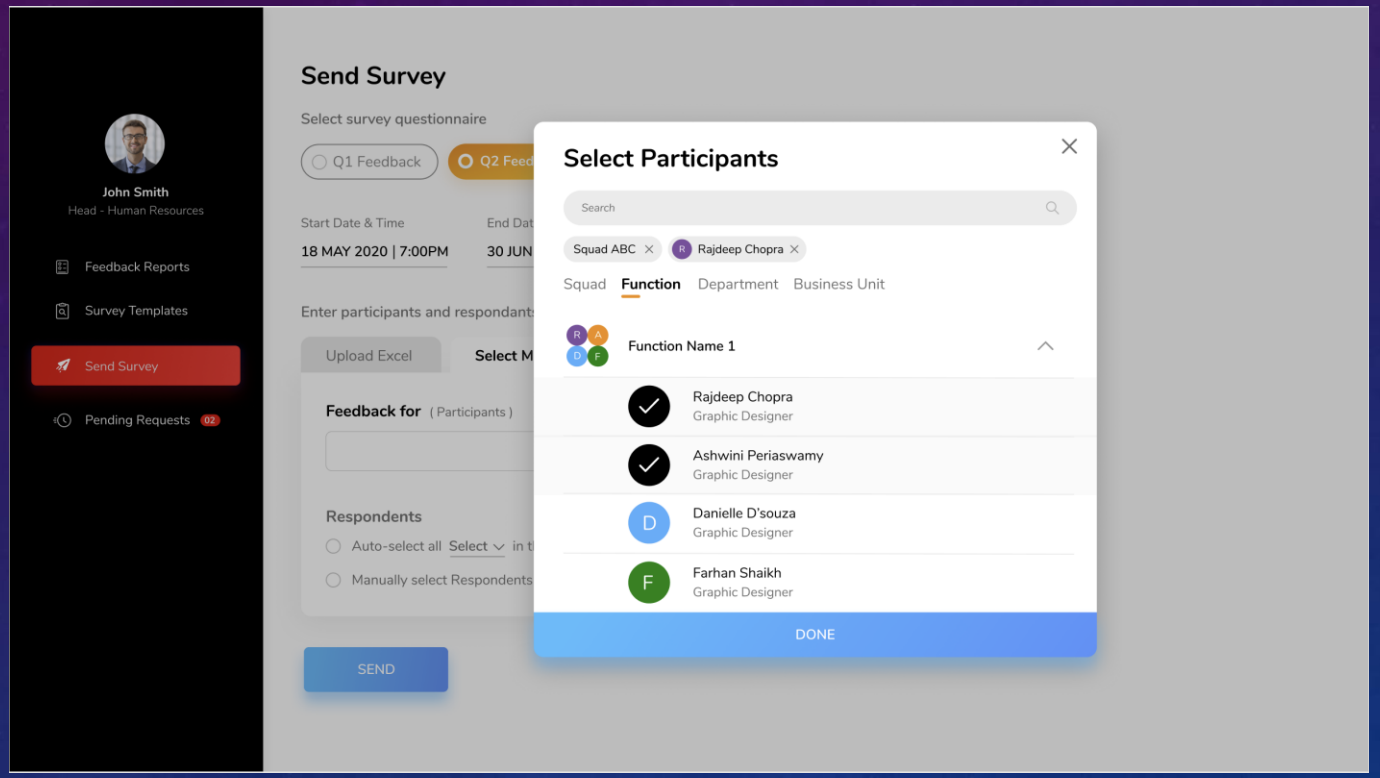
FEATURES OF THIS PROJECT

- Create new generic survey templates with 4 variety of question types
- Empowers “Quarterly Employee 360 Feedback Survey" templates as well
- Powerful filters to select participants and respondents with an option to upload from excel file as well
- Selecting a template and launching the survey
- Real time survey status views and reporting
- Send reminders notification through email from the application itself
- Add more participants and respondents, as well as extend due date of an ongoing survey
- Generate survey reports
- Filling out survey responses

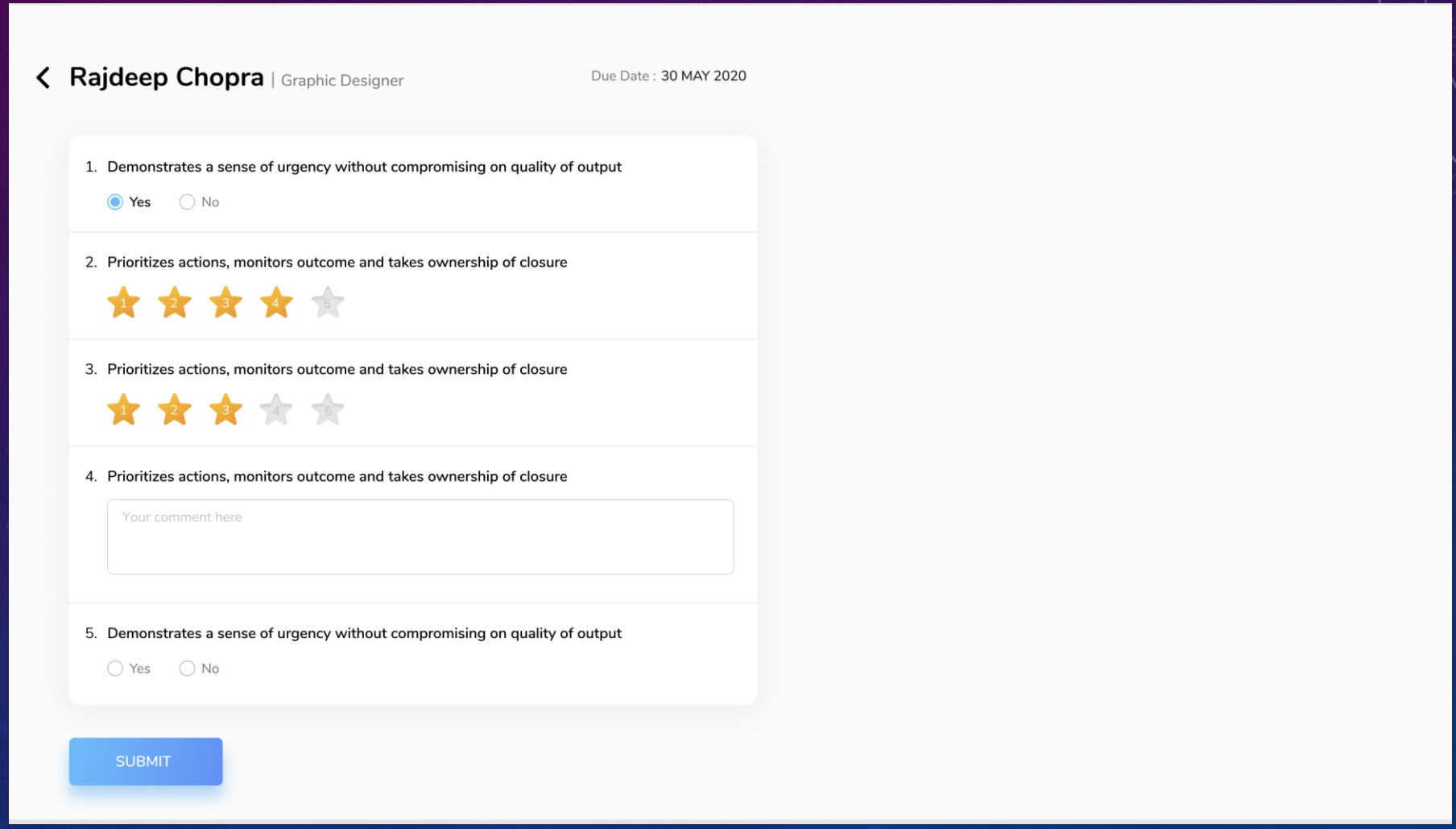
CREATE NEW SURVEY TEMPLATE



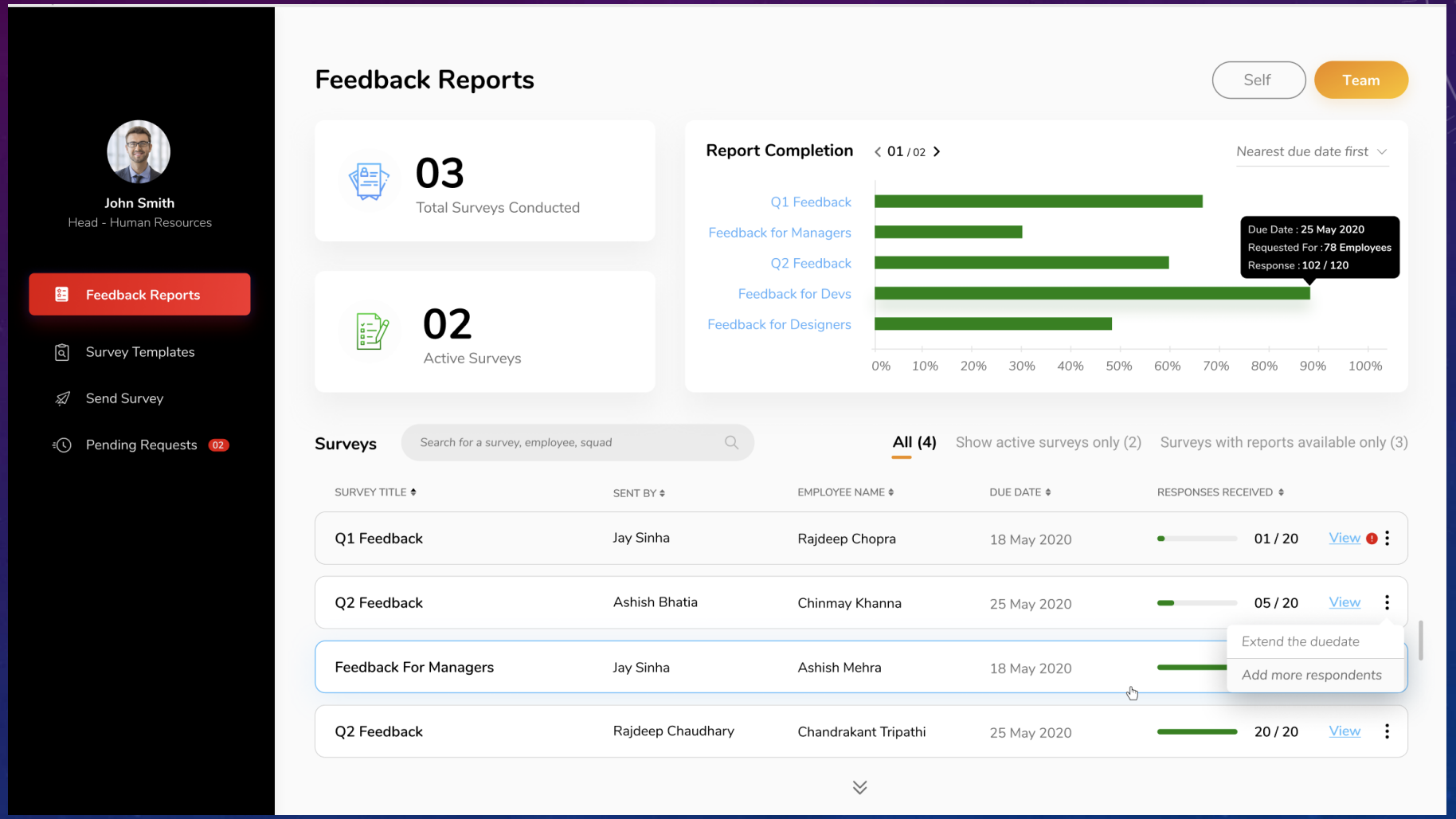
SENDING SURVEY



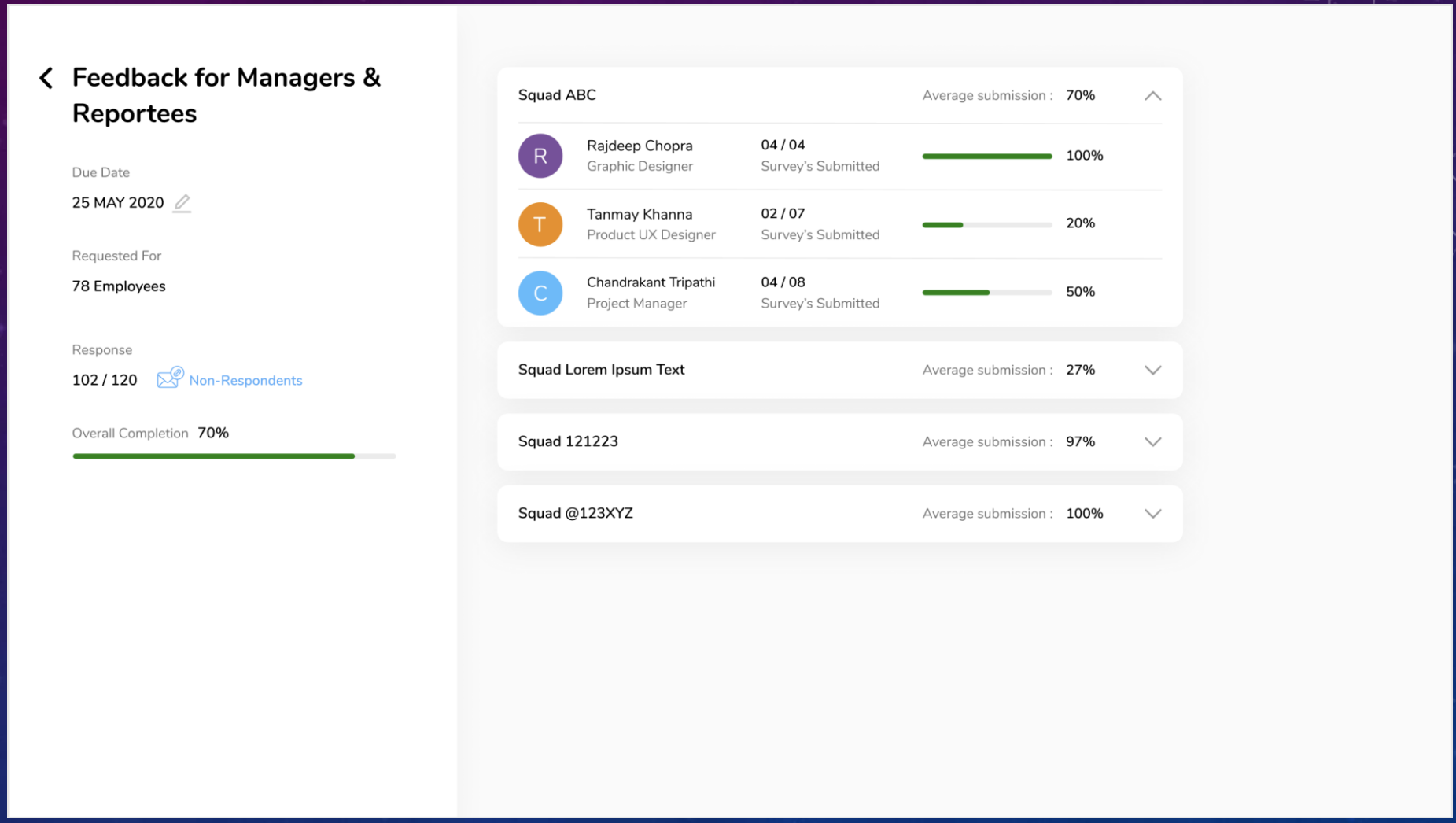
RESPONDING TO SURVEY/ FEEDBACK FORM



SURVEY REPORTING



SURVEY STATUS VIEWS



WORK DONE (API/ FUNCTIONALITIES)

- Send Survey with requestor-respondent-role mapping- Simple version - (manual select)
- Send Survey with requestor-respondent-role mapping- excel version - (excel file upload)
- Sending individual reminders to respondents through mail notifications
- Sending consolidated lists email reminders to the non-respondents

WORK IN PROGRESS

- Listing survey templates
- Create Survey Template with Questions
- Upload Questions : manually and through excel
- Duplicate Survey Template with Questions
- Show list of surveys pending response
- Edit survey - extend expiry/ due date API
- Edit survey - add more people

THANK YOU