

KORE is looking to build a mobile app to integrate with a Task Managing API. The API will feed the app a list of tasks associated with a specific user. That user can open individual tasks, monitor/change the status of the task, and upload/attach files to a task.

The task managing API is to mimic a KORE Product called KORE KONNECT. This product allows brands (Coca-Cola, Nike, Bell, etc.) to connect and increase their marketing potential with sports teams (Canucks, Manchester United, NFL, etc.). Part of the marketing contracts between brands and sports teams are a series of contract lines. These can be: Facebook posts, half time shows, branded products, etc. These are a list of items that are needed to be done to complete the contract.

Each one of these contract lines has a series of events, or tasks, needed to be completed to successfully fulfill the contract line. These can be: draft Facebook post as PDF, organize lights for half time show, design branded toaster, etc. These tasks have a start date, a due date, and a list of people associated with the task.

There will be two types of users within the application:

- Individual sales people/marketing agents who can have tasks associated to them. They can view/edit their own tasks.
- Admins who can view/edit all tasks, and associate users with specific tasks.

Files to be uploaded could be: photos, text files, videos, etc. These files should be uploaded to an area that makes retrieval and storage fast, secure, and easy. Like an AWS S3 bucket.

The frontend of the application should have the following components:

- Login page
- List of tasks page
- Task details page
- Upload file ability
- Edit task status ability
 - Not Started, In Progress, Completed, Incomplete, etc.

The backend should serve the following endpoints:

- Login with proper security
- Get task
- Update task
- Upload file
- Download file

Bonus requirements:

- If the tasks due date is nearing, add push notifications to alert the user

KORE will provide an ERD so that the application can mimic KORE KONNECT.
