

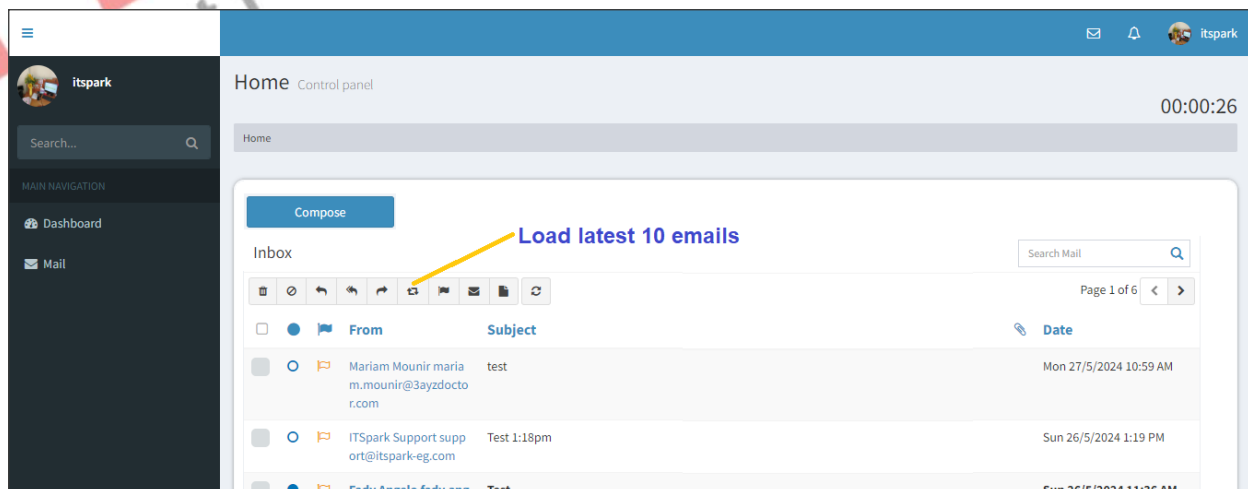
ITSpark Full stack/ Backend task

- **Technology to use in task**

- .MVC .net
- SQL SERVER
- OAuth 2.0 to Access Google APIs
<https://developers.google.com/identity/protocols/oauth2>
- Template - Admin LTE
<https://adminlte.io/>

- **Task details**

- **Creating a good looking UI is a Bonus point**
- Use Mail template inside Admin LTE Template
- **Login**
 - i. Login using Gmail account
 - ii. In case of successful login show in home page First name/ Last name and email of logged in user
 - iii. User should have the option to change language to Arabic (default language is English)
 - iv. Show proper error messages in case of login failure
- **Mail Inbox**
 - Account side menu containing Home and Mail
 - Use of font awesome icons is preferred
 - Have the option to change Language
 - Design is responsive on all devices
 - i. **Load Mails**
 - Get latest 10 emails from a gmail account
 - Should use OAuth 2.0
 - Don't use any of IMAP/SMTP/POP3 protocols
 - Put gmail account and Google access keys in a configuration file, don't use it statically inside the code.
 - UI should appear similar to this



ii. Inbox grid

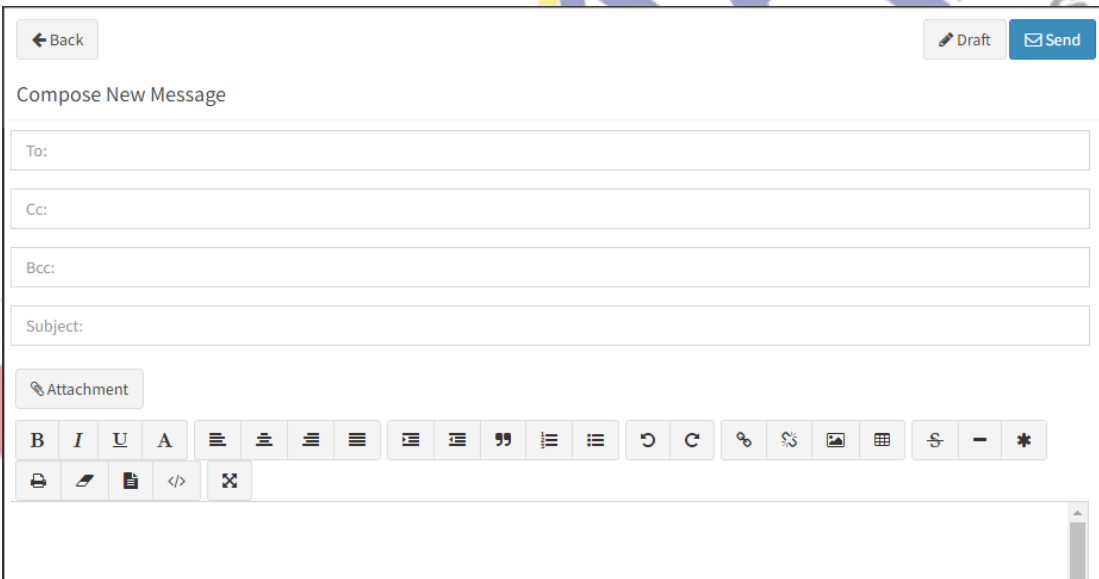
- Show a grid containing the following fields from database:-
 - a. From email (Sender email)
 - b. Subject (Mail subject)
 - c. Date (Date of email and not the date it was loaded)
 - d. Attachment icon inly show if email containing attachment files

iii. View email message

- By clicking on from email (Sender email) from grid will open email message in view mode containing the following:-
 - a. Sender emails
 - b. To emails
 - c. As a bonus point show the following
 - i. CC emails
 - ii. BCC emails
 - d. Subject
 - e. Message body with HTML format support (view html message not plain text)
 - f. Attachment files with their file names and by clicking on any of them will download the file from file system and not from Gmail.

iv. Compose message

- To be able to send new message



- Will contain the following:-
 - a. To emails (comma separated)
 - b. As a bonus point show the following
 - i. CC emails (comma separated)
 - ii. BCC emails (comma separated)
 - iii. Making emails appear like boxes with delete icon to remove any added email to list
 - c. Subject
 - d. Message body with Rich text editor (You can find it in Admin LTE template)
 - e. Attach more than file

- Can use drop zone or any other library to upload more than file at once.
- f. Send button that send email directly to gmail with all entered fields and attached files.
- g. Show success or failure message the shows what happened

- **What to submit?**

- Before you submit make sure you have tested your work
 - i. **Validation**
 - Make sure that fields validations are OK
 - ii. **Unit testing**
 - Review your module quality
- Your folder should contain the following
 1. Project
 2. Configuration word file or PDF file to explain configurations /deployment steps and perquisites with versions.
 3. Screenshots from the run of the project images or a video
- Google drive access -> [Allow to every one](#)

- **How to Submit Task**

- Send your task link to the following hr@itspark-eg.com
- Mail subject: **ITI_BackEnd**
- Send your CV attached to the email
- Write down your actual working hours you spend to create this task (preferred to be detailed in hours)
- No edits are allowed after sending the email to the drive.

- **Task deadline is Sunday 9/6 11:59pm**

- **Good Luck 😊**