

VueJS Emails App

Specification:

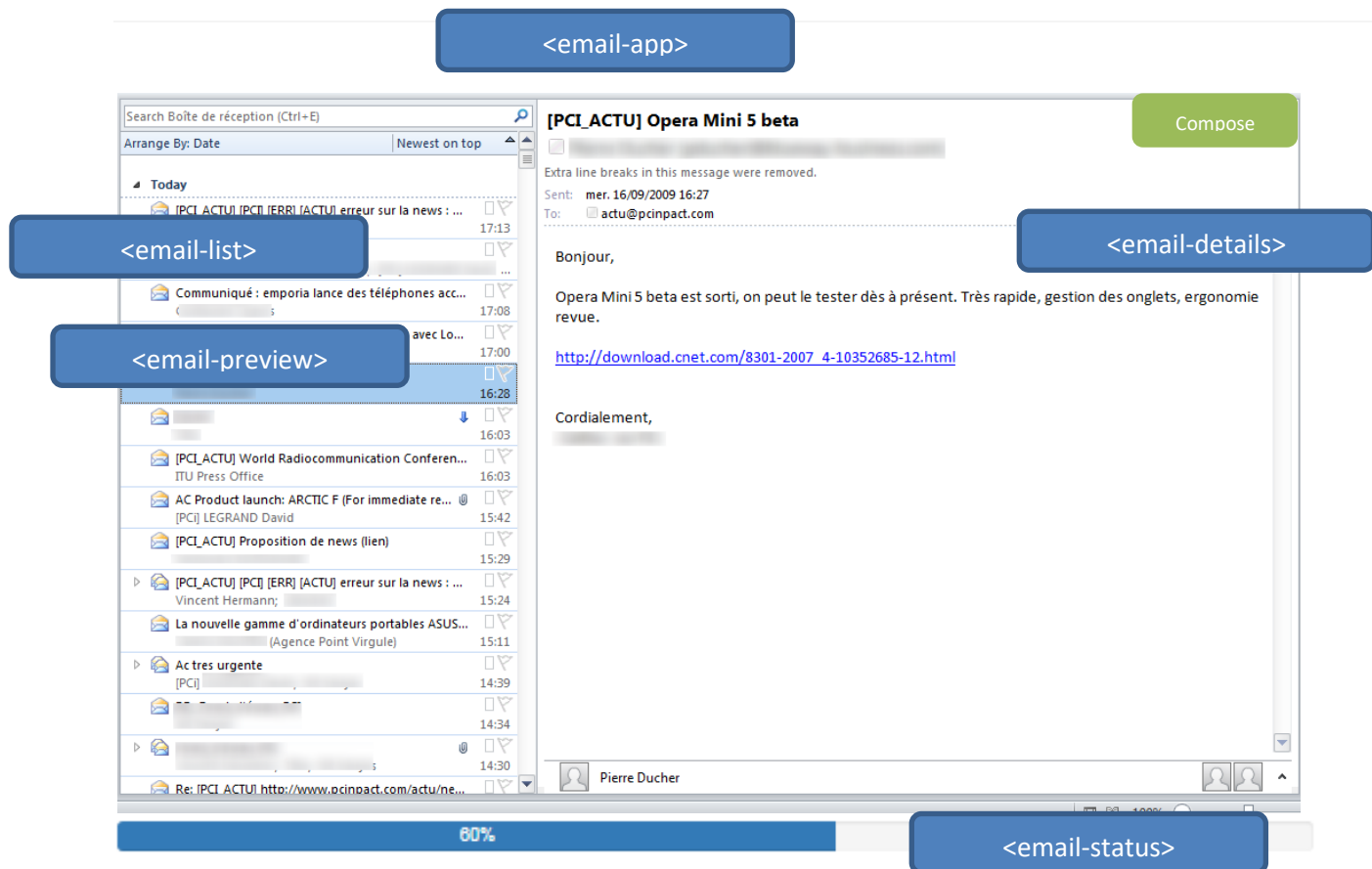
Create an email app with:

- List of emails (inbox)
- Show unread emails count on top (find the right place)
- Present the listed emails as read/unread
- Ability to mark as read/unread
- Click email at list – opens the email for reading
- New email – ability to create a new email and send it. Support send email only to yourself.
- Search emails
- Filter read/unread
- Sort of emails by date, title
- Use Gmail/Outlook/Inbox/mobile email client as reference – however you are recommended to take it forward – in functionality and design

BONUS:

Reply – allows editing, adding “Re:” to subject

Structural recommendations:



- Data: emails: {subject: "", body: "", isRead: false, sentAt (timestamp)}
- **<email-app>**
 - Gets **emails** from service (asynch)
 - Has a **selectedEmail** property
 - Pass emails down to **<email-list>** as a prop
 - Pass selectedEmail down to **<email-details>** as a prop
 - When email is selected on the list, the **<email-details>** should display that email
 - At the beginning first email should be automatically selected
- **<email-list>** renders a list of **<email-preview>** pass down an email prop
 - **<email-preview>**
 - Has an email prop
 - Renders the subject
 - Gives visual indication for read/unread (i.e.: bold/unbold ; closed or open envelop)
- **<email-details>**
 - Has an email prop
 - show the entire email
 - allow deleting an email by \$emit an event to parent
- **<email-status>**

- Renders how many read from the emails, render as a `<progress-bar>` which is a general component you build
- `<email-filter>`
 - Show a textbox connected with `v-model="filter.txt"`
 - Show radio buttons: All, Read, Unread with `v-model="filter.emailStatus"`
 - When user change the radio button or enter text and click enter we emit:
 - `$emit('doFilter, filter)`
 - This event should be emitted up all the way to email-app
 - In the email-app make the emails a computed property
- `<email-compose>`
 - Has a form with subject and body
 - When send – emit up to parent
 - Email is added to list
 - Yes, we are only supporting selfi-emails for now (-: