

VueJS Emails App

Specification:

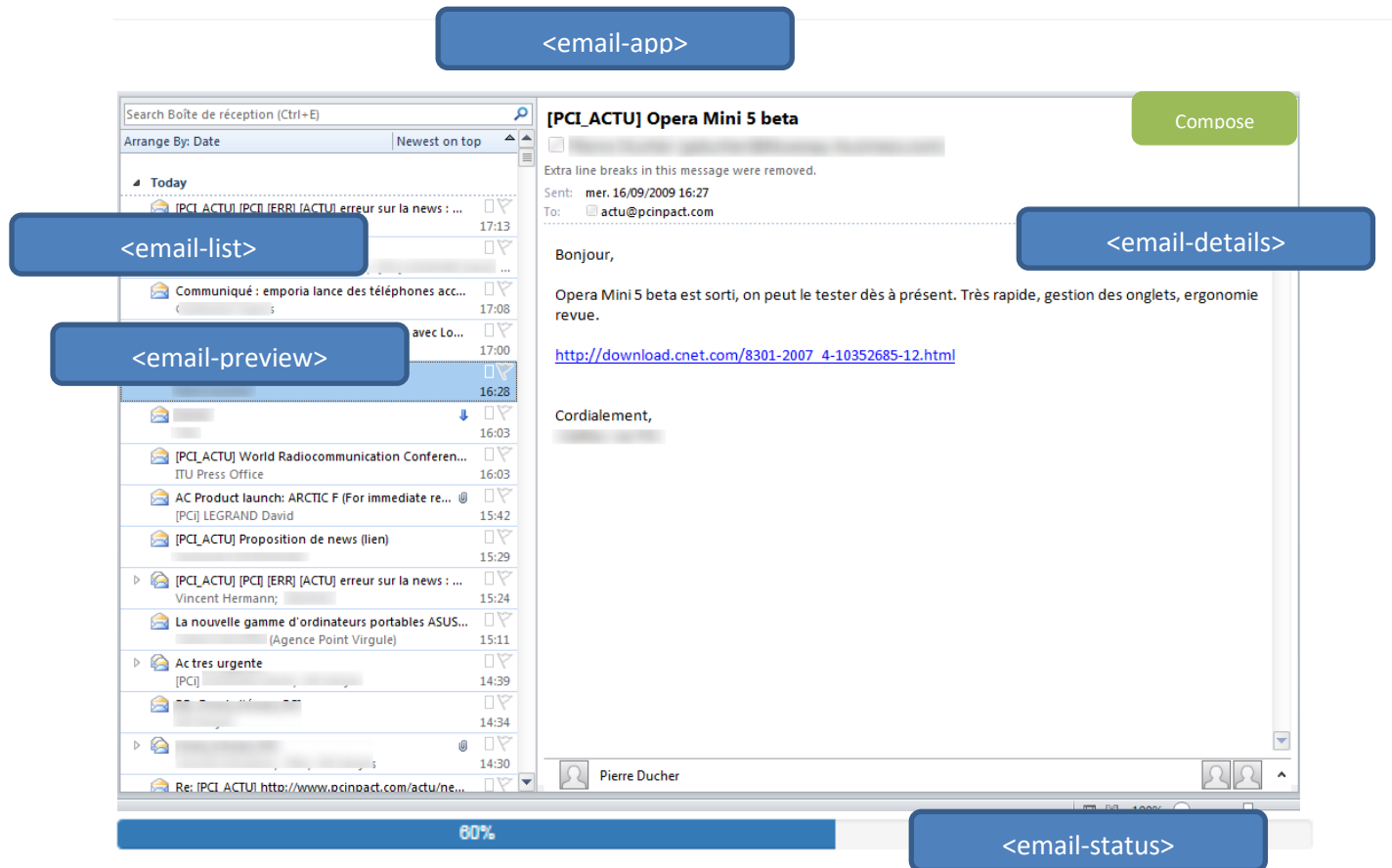
Create an email app with:

- 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>`
 - Routable component (page)

- show the entire email
 - allow deleting an email by \$emit an event to parent
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- **<email-status>**
 - Renders how many read from the emails, render as a <progress-bar> which is a general component you build
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- **<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
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- **<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 (-:
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