

CODING EXERCISE



To help us get a better sense of your coding, collaboration, and problem solving skills, we invite you to complete the following exercise.

USER STORY

As a user, I want to know when I receive a new message so that I can know to respond.

Acceptance Criteria:

- User sees a badge to the left of the "MESSAGES" tab if there is at least (1) unread message
- Badge shows as soon as user receives a new message
- Badge persists until there are zero unread messages
- The Badge UI is the text "NEW" (in bold, orange font, similar to MESSAGES button)
- Underneath the navbar, user sees a messages view displaying a list of seeded messages
- Each message indicates whether it is read or unread.
- User has a button that generates a new message with fake, placeholder data, simulating a new incoming message.
- Clicking an unread message makes it read,
- Badge updates based on above logic



EVALUATION CRITERIA

Code quality will be evaluated by (In order of importance):

- User Experience: functional, detail-oriented, delightful to use
- Readability: self-explanatory, easy to follow, organized, descriptive
- Design and Logic: thoughtful conceptual approach, optimal design patterns and data structures, consistent, simple, and elegant
- Performant: fast and efficient

TECHNICAL REQUIREMENTS

- Provide access to the code
- Send us any instructions on how to run your software
- Built using React, NodeJS, and MongoDB
- Use the model and objects discussed during our in-person conversation, all data should persist in the database
- Spend up to 6 hours on the exercise
- Submit the code on time (24 hours upon receiving). Submit work in-progress on time (versus something complete that is late)

- If you have questions or issues, please contact Luis at luis@getselected.com or (646) 578-0489

BONUS

- Badge has a numeric count of unread messages (versus a binary “NEW”)
- Generate button creates 1,000 unread messages

COMPLETION

Please create a public repository on Github with instructions on how to run the code. Send the link to tech@getselected.com.