The elves workflow is very simple. The use manageList.php running on csdev to create new person entries and update person entries in the SantaList.json file. People can be moved from list to list or their information can be updated.

Santa’s workflow is where the fun happens…

1. Santa goes to a browser and enters localhost:7546. The default index.html page is displayed in his browser.
2. Santa chooses the “Maintain List” link and the file myList.html requested.
3. When myList.html is returned, an AJAX request is made to the node server to retrieve the list of good persons. This can be done by sending a get request to the server with a unique file name such as getList. In your node server, check for this file name and react as follows:
4. The node server receives the request and calls getListInfo.php on the csdev server to get the good person list (probably using the node request module)
5. getListInfo.php reads SantaList.json and returns as a response the list of good Persons with a Content-Type header set to the appropriate value.
6. The node server receives the response and sends the response back to the AJAX request.1
7. The node server returns the response to the AJAX request with the list of good persons.
8. This response is processed by myList.html and the list is displayed.
9. The AJAX request is sent to the server every 30 seconds if Santa just sits there.
10. If Santa chooses to select a different list, the process is repeated with the call to the node server including the new list request. REMEMBER TO STOP ANY OTHER AJAX REQUEST BEFORE SENDING A NEW ONE.
11. If Santa chooses to display the details of a person, a GET request is sent to the node js server (Once again, this can be done by sending a unique “filename” to the server).
12. The node server receives the request and calls getListDetail.php on the csdev server to get the good person list (probably using the node request module)
13. getListDetail.php reads SantaList.??? and finds the matching id. It returns as a response the information about the selected person with a Content-Type header set to the appropriate value.
14. The node server receives the response and sends the response back to the request.1 This is not an AJAX request.
15. This response is processed by myList.html and the list is displayed.
16. Santa can then choose to display a new list or even look at a different person.

1 The node server can, if it wants, format the information using a module of some sort and return the HTML page, OR, it can just return the content and let the myList.html page (JavaScript) format the information.

Remember: Santa uses his phone sometimes.

Remember: YOU are the server when it comes to node particularly, you have the ability to control how you react to specify types of request.

I would suggest only have mylist.html and displaying both list and detail in it. You can display both if on a desktop and one or the other if on mobile.