Landscape orientation was chosen to allow for larger font sizes since the application is not demanding on vertical space.

The landscape screen orientation is also likely to be more famliar to seniors than a portrait one: TVs, ATMs, airport Check-in kiosks, etc are typically landscape.

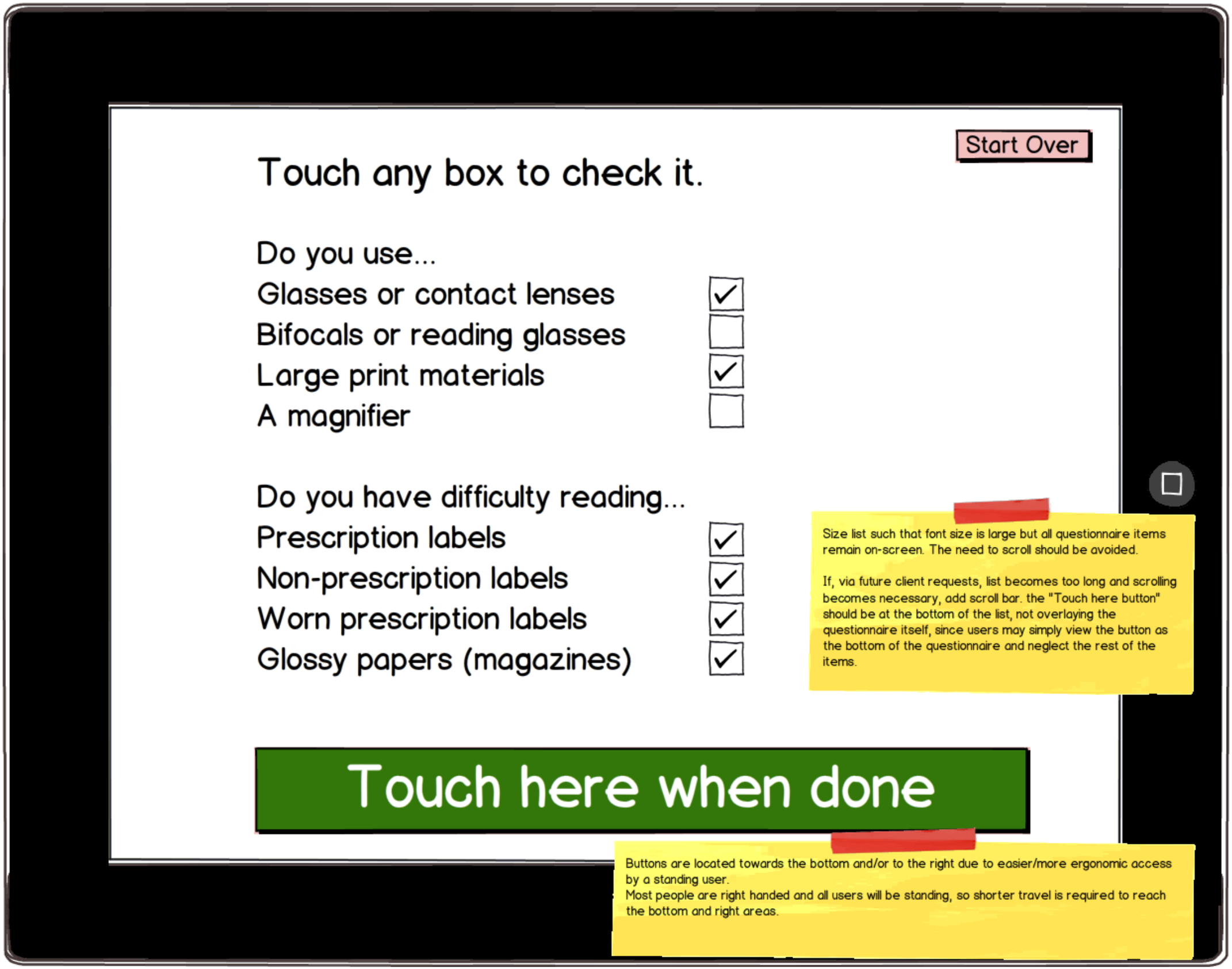
Welcome! This is a quick screen of your ability to read medication labels.

Touch here to start ->

Try to approximately mimmic the font sizes used in this mock-up, since this app is for people who are potentially visually impaired.

Emphasis on large, basic, functional aesthetics.

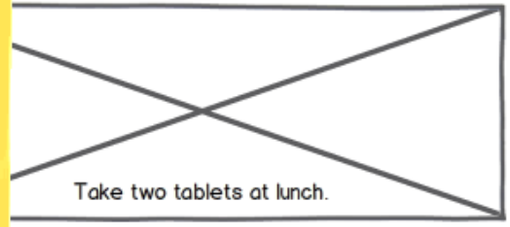
Tried to keep words simple due to literacy issues. 1-2 syllables.


Start Over
Touch any box to check it.
Do you use...
Glasses or contact lenses
Bifocals or reading glasses
Large print materials
A magnifier
Do you have difficulty reading...
Prescription labels
Non-prescription labels
Worn prescription labels
Glossy papers (magazines)
Size list such that font size is large but all questionnaire items remain on-screen. The need to scroll should be avoided.
If, via future client requests, list becomes too long and scrolling becomes necessary, add scroll bar. the "Touch here button" should be at the bottom of the list, not overlaying the questionnaire itself, since users may simply view the button as the bottom of the questionnaire and neglect the rest of the items.
Touch here when done
Buttons are located towards the bottom and/or to the right due to easier/more ergonomic access by a standing user.
Most people are right handed and all users will be standing, so shorter travel is required to reach the bottom and right areas.

Start Over

Follow the instructions on the drug label below by dragging the tablets into the correct boxes.

The instructions on the label should be randomly generated, with certain reasonable constraints, for example:
"Take { random (1-3) } tablets at { timeslot }
OR
"Take { random (1-2) } tablets at { timeslot 1 } and {random (1-2) } tablets at { timeslot 2 }"
Users should not have to drag more than 2-3 tablets per question, as shakey hands and poor dexterity may make it difficult to repeat these dragging motions.



Touch here if you can not read label

Serves the same function as an incorrect response: user must repeat test with the next larger label font size.

Tablets:

If user gets the answer right and presses DONE, the game is finished and the app progresses into the next screen.

If user gets the answer wrong, the same screen is presented with the same label size, but with a larger label **font size**. This is repeated until:
a) the user gets the answer right
OR
b) the user fails the test with the largest font size available

In both (a) and (b), the user is taken to the next app screen and the pharmacy staff will receive an appropriate recommendation depending on the patient's performance in the game.

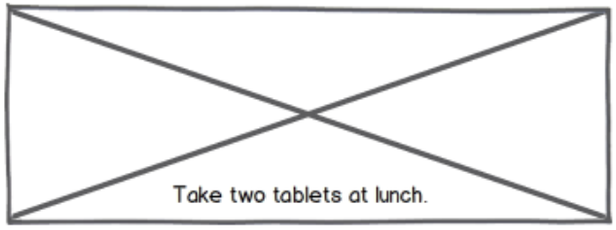
Morning | Noon | Dinner | Bedtime

Touch here when done

Disabled until at least one tablet was dragged into a time slot

Start Over

Follow the instructions on the drug label below by dragging the tablets into the correct boxes.



Touch here if you can not read label

Tablets:

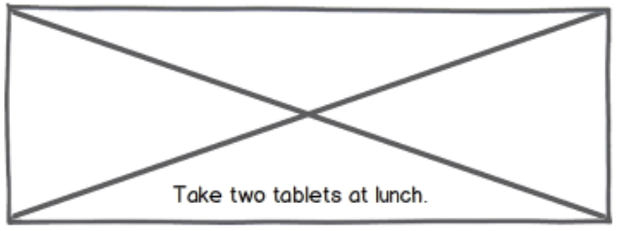
Morning | Noon | Dinner | Bedtime

Touch here when done

- If a tablet is released anywhere outside of a box, it should move (animate) back to its original position. Users should be able to drag tablets out of a box.
- When tablet is within a few pixes of the border of a box, the box should slightly enlarge, indicating a release action is required to drop the tablet.

Start Over

Follow the instructions on the drug label below by dragging the tablets into the correct boxes.

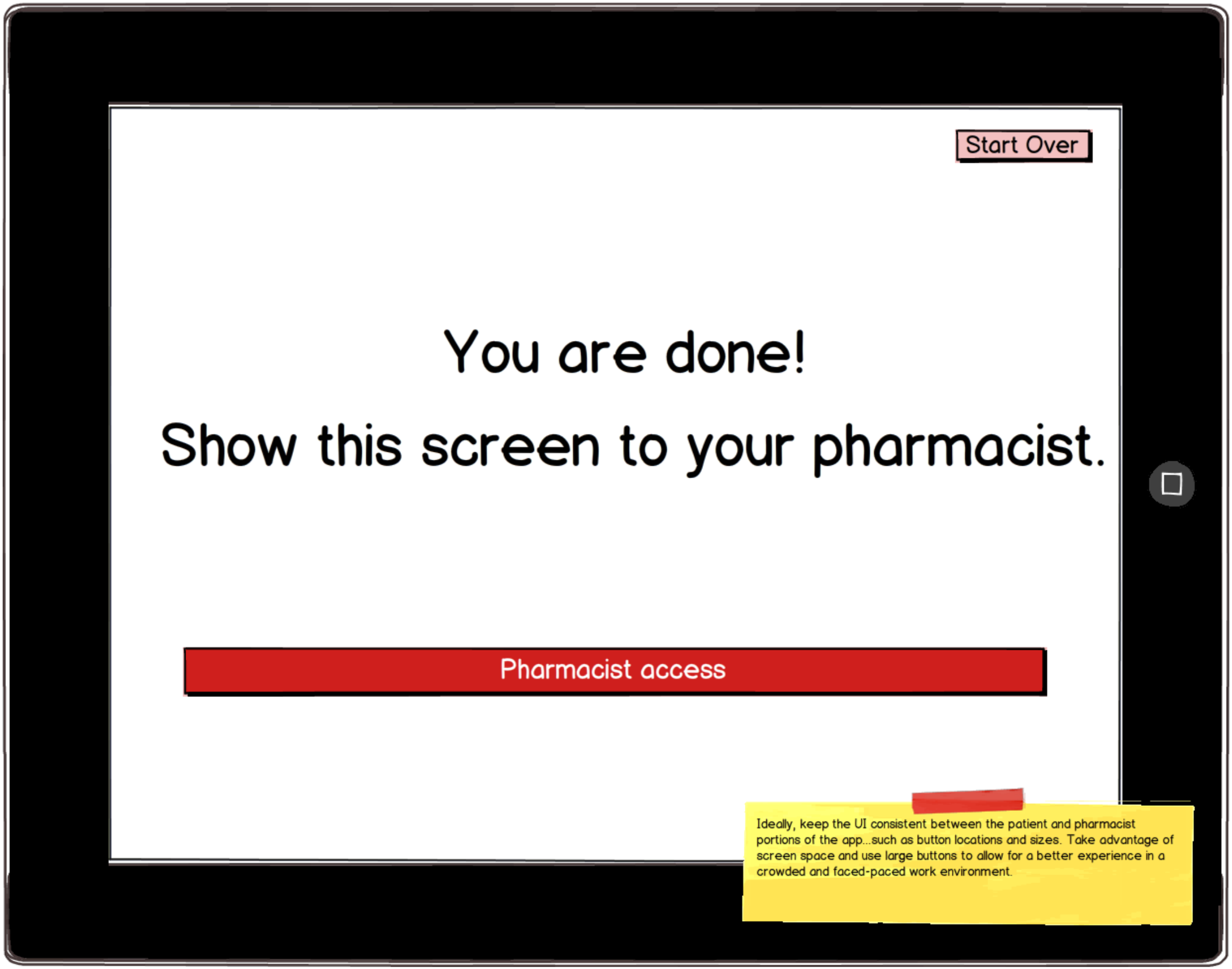


Touch here if you can not read label

Tablets:

Morning | Noon | Dinner | Bedtime

Touch here when done


Start Over
You are done!
Show this screen to your pharmacist.
Pharmacist access
Ideally, keep the UI consistent between the patient and pharmacist portions of the app...such as button locations and sizes. Take advantage of screen space and use large buttons to allow for a better experience in a crowded and faced-paced work environment.

Start Over

Medications

Select any of the patient's medications/medical conditions that could contribute to poor vision.

- ☑ Corticosteroids
- ☐ Anticholinergics
- ☐ Eye drops
- ☑ Diabetes
- ☑ Hypertension
- ☐ Glaucoma
- ☐ Cataracts
- ☑ Other 1
- ☑ Other 2
- ☑ I
- ☑

Arrange items such that no scrolling is required. Allow for a few customizeable text entry fields. Space items out so they are easy to touch.
If user enters text in a custom field, automatically check

Done

"Done" is disabled until at least one box is checked.

Skip

Start Over

Advice for pharmacy staff

- Use the standard label
- Print second label (18pt)
- Colour/number code
- Do not tape
- Recommend patient to follow-up with an optometrist

☐ Check this box if this was an actual customer (do not check if you are training/testing)

Buttons should be located towards the bottom and bottom right due to easier/more ergonomic access by a standing user.
Most people are right handed and all users will be standing, so shorter travel is required to reach the bottom-right area.

Checking this box will locally store the information gathered for this specific instance.

Pharmacist is asked to check IF data is valid...as opposed to asking pharmacist to check if this was a training session, for testing, or simply an erronous instance. Data can be regarded as more valid if pharmacist actively identifies the data as valid (e.g. coming from customer).