Priorities: 1. Urgent 2. Can wait 3.Maybe

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| **Technical** | **Response** | **HIGH/MIDDLE/LOW priority** |
| Professional account verification | No additional benefits for getting a professional account | 3 |
| How to migrate existing profile to a new professional(new doctor, old patient) | Set permission, add to the professional’s account  ID | Solved |
| Let professional access anonymous patients’ data | Ask the professionals, any value?  Does the patient want it?(opt in/opt out)  offering more choices for them to set anonymous(why not) | 3 |
| Pop-up notifications, Alert messages (remind them to go to eye check. weekly reminder) | Not very hard to do but not very easy as well (can Use Firebase at the backend to ease the process) | 2 |
| Calendar (export) => achievement | no need individual calendar, figure out how to export | 3 |
| Collect user feedback inside the app | We should definitely do that(questionnaire, pop-up window, design) (analytics: again Firebase)(before,after) after sign in=>compare the change of behaviour  think of a way to incorperate the questionnaire | 1(Tony) 2 Google form  -specific questions about parent and kids  Parent (before - original behavior)  How often do you cook healthy food?  How often do you go for eye check?  How often will you go outside?  How long did you use your mobile phone?  (research)  How long did you use your computer?  Have you done eye exercises before? (e.g look down/look right)  Parent to kids session:  How long do you let your children to use electronic devices?  How often do you take your children to do eye check-up?  Have you done eye exercises before? |
| “contact us” about error of app | leave out an email |  |
| Communication channel | Really hard to put inside the application, but we can show the contact details the doctor wants to share (WeChat, Whatsapp, email, Facebook, etc.)  Purpose(communicate individually/education/make appointment) | 2 |
| Not appealing to professionals(Time consuming if they have any existing data collection method) | advertisement for them, tell them about the benefit, other benefit  paper and per, workflow, paper + app / all app? => long term  QR code | 2 |
| Visualization: color, emoji, universal understanding | Isn’t green(good) / red(bad) nearly universal? add legend? meaning of colour, look for icons, emoji | 1(Nora & Dogu) |
| Visualization: Left,Right eye overlapping => separate window | experiment | 1(Nora & Dogu) |
| Visualization: Scientific citation, encourage users to learn more | will do it | 1(Nora & Dogu) |
| Visualization: Advice seek professional help | will do it | 1(Nora & Dogu) |
| Family account | doing it | 1 (Dogu) |

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| **Educational** | **Response** |  |
| Target audience: Parents => tailor-made to their needs | Who is the target audience? | 1(parents with young kids:6-8 ish) |
| Customize tips based on their eye data | doing it | 2 |
| What to eat => Recipe | Search online for existing resource, book, videos  Find nutritionists from facebook  https://www.amazon.com/Visionary-Kitchen-Cookbook-Eye-Health/dp/0615866972  https://www.macular.org/cookbook  Share recipe(collect ) | 2 |
| What to do => appealing to children(help parents pick healthy activities for children) | focus group - talk to some kids, activities,exercises,games  talk to our relatives | 2 |
| Achievement => encourage/reinforce healthy habit(daily checklist) | Zero-fasting, timer, assume parents are honest, come up with some mechanism to prevent cheating, come up with some items for checklist  \*schedule with reminder(do according to it, what item:eye-exercise, 20-20-20)  https://apps.apple.com/hk/app/myfitnesspal/id341232718?l=en | 2 (decide the items for achievement)  after edu |
| Professionals’ column => collect a pool of articles/videos, update periodically | Do some prototype  Ask them  Existing resource(eye hospital)  No partner  FAQ  decide the topic, start asking professionals(who?)  Frequent asked questions | 1 (Nora & Ian)  -search for articles  -search for professionals |
| Live update platform for professionals to post reminders/short articles |
| Urban myths debunking |
| Coupons for both parents and kids(not just glasses, maybe toys) | Sponsorship, second hand toys/books, benefit of the partners,  exchange toys with other children(connect other users?)  more research, financial incentive for data input, different types, reward good eye health? attractive enough, what parents/kids want. | 1 (Jaman & Karen)  -search for eye stores |
| Screen Time(individual screen time), brightness, distance, screen size | More research needed(duration,exercises(duration)), classify,  Open timer manually, password, user experience(unpleasant feeling=>delete the app) Come up with something, animation/cartoon/eye exercise animation, song?, cater to target audience) =>**Talks to the kids** | 3 |
| Eye Exercise, more audio/vibration, less reliance on screen/visual | Sound track, input by tap/double tap, black screen. appealing to children, songs??? | 2 |
| Eye Test |  |  |
| Pop-up Quiz (interesting) (knowing their behavior changes) |  |  |

Feedback from Mr. Lo

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| --- | --- |
| Data collection: Right to Left, cant be left to right | Left: \_\_\_ Right:\_\_\_  Right:\_\_\_ Left: \_\_\_\_ |
| The graph is not that practical to professionals, but good for layperson | graph |
| Should include both Visual Acuity(normal is 1) and Diopter(25 per step)0,0.25,0.5,0.75,1.0 etc, axis |  |
| 0.25 is very mild myopia, not no myopia |  |
| increase abnormally = more than 0.75 increase per visit(6mo) for under 12  more than 0.5 increase for adults |  |
| goal: control myopia progression within 0.5D per year |  |
| Self eye test minigame: would be better with randomized test (more interesting/new) | Can make it accurate  ask Charlie  form size (standardize)  dimension (data things)  Meeting with Mr.Lo  “if you want to get the accurate result, you have to follow the distance and have the right position! “ - warning  Research: accurate eye test  e.g. E chart (visual accuracy)  https://www.youtube.com/watch?v=em0ElLEiVKM&feature=emb\_logo  Accurate online eye test  Research finding:  The term "20/20" and similar fractions (such as 20/40, 20/60, etc.) are visual acuity measurements. They also are called Snellen fractions, named after Herman Snellen, the Dutch ophthalmologist who developed this measurement system in 1862.  At this testing distance, the size of the letters on one of the smaller lines near the bottom of the eye chart has been standardized to correspond to "normal" visual acuity â€” this is the "20/20" line. If you can identify the letters on this line but none smaller, you have normal (20/20) visual acuity.  <https://www.allaboutvision.com/eye-exam/2020-vision.htm>  Determine a confidence level based on procedural consistency. A higher confidence level reflects a higher quality of test results. By EyeQue  <https://eyeque.zendesk.com/hc/en-us/articles/115008411408-How-do-I-know-if-my-test-results-are-accurate-> |
| Eye exercises: Add focus shifting exercises(look at far object 5s, look at close object 5s, repeat)(after looking 20 mins on electronic device, shift eyes to look far)(talk you over) | voice recording  8D, camera to detect your head/eyes movement!!!! |
| Articles: would like to have a platform to collect questions and answer them in a week. (currently 3 ppl(including Mr.Lo) are willing to do so) | collect some questions beforehand.  direct the link to recipe(with the ingredients we suggested)  Filtering(pick up some keywords=>direct to FAQs maybe) |
|  |  |
| Achievement: willing to provide 100 digital coupons (giving out lens) |  |
| Small shops will be more willing to make a change, suggest us to approach more normal users first, then use that to attract more professionals |  |
|  |  |

Camera, track the eyeball/head movement => technical part, can we do that?

Animation => interesting, how to make it

2-4-2020

1. data collection problem - inconvenient
2. educational features

Sudden new thought:

QR code → data collection

Pop up quiz

Future:

How to measure behavior change, can we measure indirectly, from achievement record?

Before and after questionnaire?

Design the achievement/questionnaire ⇐ Jaman, Tony, Ian

UI design: theme

Ada Health

And Zero Fasting