

### Progress Report

From Date – To Date	Summary of work done	Remarks (if any)
14/12/20 – 28/02/21	<ol style="list-style-type: none"> <li>1. Learnt React Native</li> <li>2. Fixed generic Layout issues and familiarized myself with the existing codebase.</li> <li>3. Tweaked the Authentication Flow.</li> <li>4. Created few components (Dismiss Keyboard, Custom Alert Dialog using Lottie files, Progress Bar).</li> <li>5. Styled Symptom Creation Flow according to our designs.</li> <li>6. Created a Network Module that separates the code for API calls from that of the UI.</li> </ol>	
1/03/21 – 15/03/21	<ol style="list-style-type: none"> <li>7. Worked on Report Stack. <ul style="list-style-type: none"> <li>• Summary and Preview pages were plain blank screens. Invoked Rest APIs to fetch report data, parse JSON response and populated the data post styling.</li> <li>• Tweaked the Report Creation flow with error handling techniques, progress bar, navigation arrows and added a design specific, i.e., user interaction is suspended until API calls return a completion / error message.</li> <li>• Implemented a functionality to upload attachments for AWS S3.</li> </ul> </li> <li>8. Extended functionality of AlertComp with onDismiss, Actionable callbacks thus making it more reusable in our app.</li> <li>9. Worked on Profile Stack. <ul style="list-style-type: none"> <li>• Users can now select their care providers during sign up flow and can update them as well.</li> <li>• Deletion of caregivers.</li> <li>• Implemented new UI as per design specifications and added suggestions for new user interactions.</li> <li>• Added functionality for Profile Updates.</li> <li>• Users can now upload profile images.</li> </ul> </li> <li>10. Implemented Shared Memory design patterns using React Redux to create a single source of truth within the application.</li> <li>11. Successfully released application on Google Play Store across the United States. (<a href="#">link</a>)</li> </ol>	

16/03/21 – 31/03/21	<p>12. Layout changes across the application.</p> <p>13. Redesigned login and sign-up screens.</p> <p>14. Created the Home Page according to our designs.</p> <ul style="list-style-type: none"> <li>• Fade scroll effects.</li> <li>• Created filters that made use of REST APIs to fetch data. This data was manipulated for displaying desired results.</li> <li>• Implemented UX features according to our designs.</li> </ul> <p>15. Commenced learning AWS Lambda and Serverless Architecture.</p>	Filtering has to be done on server side in upcoming weeks.
1/04/21 – 15/04/21	<p>16. Finished a course on AWS. <a href="#">link</a></p> <p>17. Commenced working on the backend.</p> <p>18. Filtering symptoms is now done at server-side and offers backwards compatibility.</p> <p>19. Routine changes in front-end in order to meet Apple App Store guidelines.</p>	
16/04/21- 30/04/21	<p>20. Bug fixing on the new setup flow.</p> <p>21. Created a new SymptomCard component on mobile.</p> <p>22. Ensured that handleFilters() function on mobile makes only one API call irrespective of the no. of filters.</p> <p>23. Started working on feature branches.</p> <ul style="list-style-type: none"> <li>• Providers: Created an API call to fetch a list of providers from our dynamoDb and made appropriate changes on web and mobile to display this list to a patient.</li> <li>• Date Format: Wrote a script to fix ensure a uniform date format in our dynamoDb table. Made changes on mobile to adhere to the new date format.</li> <li>• Fixed commonSymptoms API on backend.</li> </ul>	TODO: Date Format has to imposed on web.
01/05/21 – 15/05/21	<p>24. Ensured that the API calls from website carried the date object in the new format and coupled this with an error message from the server.</p> <p>25. If user creation fails, then he/she is advised to try the registration process after some time (both on web and mobile).</p> <p>26. Created a new time picker on mobile.</p> <p>27. Created a new feature, Feedback from Provider. Work done so far: API design and Database modelling.</p>	

<p>16/05/21 – 31/05/21</p>	<p><b>28. providerCode attribute can now uniquely identify different providers under the same hospital.</b></p> <p><b>29. LatestFourSymptoms in backend didn't hold the symptom ID of a new user's first symptom. Fixed it.</b></p> <p><b>30. Earlier, two API calls were made to create a new symptom. Redesigned this to ensure that only one request is made and thus, made the changes across web, mobile and backend.</b></p> <p><b>31. Default images are displayed when profile image and symptom location URLs are null.</b></p> <p><b>32. Layout changes on mobile.</b></p> <p><b>33. Commenced working on the provider side on Web.</b></p> <ul style="list-style-type: none"> <li>- Created a new API to fetch a patient's symptoms to their registered provider.</li> <li>- Implemented the Feedbacks feature on the backend and on web: a responsive component that is reused on 3 screens that correspond to feedback related to 3 different items (patient/report/generic).</li> <li>- Responsive UI for provider's view. (Home screen, Patient's Details and Report).</li> </ul>	
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