








Ethics Canvas

Project Title: Seeing Asthma Date:05/10/2023

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Individuals affected	Behaviour	What can we do?	Worldviews	Groups affected
<div>Asthmatic Child</div> <div>Parents or Guardians of Asthma Child</div> <div>Hospital personnel</div> <div>1</div>	<div>Parents will learn to better understand asthma through Seeing Asthma's website.</div> <div>Children may be more engaged in learning through games and videos played on the platform.</div> <div>Parents may rely more on Seeing Asthma's website for helpful asthma management recipes and exercise activities.</div> <div>Parents can use the "image recognition" feature, which should heighten their awareness regarding allergens present in their home environment.</div> <div>3</div>	<div>Regularly updated data on asthma.</div> <div>Regularly updated authoritative articles on asthma.</div> <div>Regularly updated with new asthma management methods.</div> <div>Regularly interact with users and solicit feedback.</div> <div>Seek co-operation from partners and investors.</div> <div>We designed this feature for better asthma management in children.</div> <div>9</div>	<div>Parents of children with asthma are more likely to trust advances in technology to help them better manage their child's health.</div> <div>Parents of children with asthma are more likely to believe that more technological products will completely eradicate asthma.</div> <div>5</div>	<div>Future Sponsor</div> <div>2</div>
<div></div>	<div>Relations</div> <div>Increased interaction between parents and their children with asthma regarding asthma management.</div> <div>Improved communication and discussion between a parent of a child with asthma and another parent in a similar situation about their child's management of asthma.</div> <div>4</div> <div></div>	<div></div>	<div>Group Conflicts</div> <div>There may be parents of children with asthma who are sceptical about the accuracy of the data and functionality and the veracity of the relevant authoritative literature.</div> <div>6</div> <div></div>	<div></div>

Product or Service Failure

Human error: such as errors in content uploading or misleading advice on content updating. This may cause parents of children with asthma to take inappropriate asthma management measures and delay the management of their child's condition.

Technical Failures: If the Seeing Asthma website is not functioning properly and can't be fixed promptly, this may result in parents being unable to access the website for a certain period. This may also delay the management of your child's condition.



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Problematic Use of Resources

Privacy of public interest: The use of some of Seeing Asthma's features catches access to third-party tools or APIs (e.g., image recognition features), which could potentially lead to privacy concerns.

AWS servers have a huge carbon footprint stemming from their energy consumption. At this stage AWS is investing in renewable energy and energy efficiency to reduce its environmental impact.



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