Constraint category	Implementation constraint	Solution
Hardware and software platforms	No native mobile application for iOS and Android.	Use a library like Bootstrap to make the website mobile friendly and optimize it for mobile.
Performance requirements	Not a concern. Can be accessed using any web browser, on desktop, laptops, and mobile devices. The recommended speed is 12Mbs for broadband Internet and 4G on mobile networks.	N/A
Persistent storage and transactions	No transactions are conducted on the website. An initial cloud storage package of 5GB, with 20,000 Get requests and 2,000 Put requests should be sufficient. More storage space will be needed, as the number of users increases.	Monitor number of visitors and HTTP requests and choose a scalable storage solution. Limit file size of uploaded images to 400KB.
Usability	Accessing a user's camera to capture an image may be impractical on desktop/laptop. User's computer might not have a webcam.	Implement file input to prompt desktop users to upload images and give mobile users a choice to take a photo, upload from library, or upload from cloud storage.
Budget	A Google Maps API key is needed, which offers 25,000 free map loads per day upon verification. A charge of $0.50 USD/1,000 additional map loads applies, up to 100,000 daily.	Monitor usage closely and allocate funds accordingly. Consider premium plans if quota is exceeded.
Time Limitations	A working prototype is required 3 weeks after development has started.	Use Agile methodology for rapid development. Perform frequent user tests and adapt project requirements accordingly.