

Hello Everyone, this is a sample pdf.

About our team,

We're Computer Science students pursuing our B.Tech at MBM UNIVERSITY. Our flagship app, **VisionMATE**, is designed specifically for visually disabled students. With **VisionMATE**, students can access textbooks, take notes, and understand their surroundings without barriers. The app leverages advanced technologies including speech-to-text, text-to-speech, and object detection, ensuring seamless content interaction for all users.

Features of our project is,

Object detection is a computer vision technique that uses algorithms and neural networks to recognize and locate objects within digital images or videos. It can help visually impaired students identify and understand the objects around them, providing greater access to information and context.

Text-to-speech is a feature that converts written text into spoken words, helping visually impaired students access books and materials. Text-to-speech is an important feature for visually impaired students, as it provides a valuable alternative to traditional reading methods

Speech-to-text is a technology that converts spoken words into written text. It helps visually impaired students follow along with conversations and lectures, take notes, and stay organized. Examples include Live Caption and speech-based to-do lists.