Cart-Track : For a faster shopping experience

Problem Statement:
One of the problems during shopping is that sometimes we may not get the complete idea of the product. To get a better understanding about the product, customers may have to ask the employees. Still we can't ensure the exact details from employees also. For huge shopping, it's quite difficult to manually track the budget. If it's crowded, customers may need to wait in a queue for a long time to make the payment. Keeping a paper bill for the future is also not a good option. So collectively, customers lose some of their precious time shopping.

Solution:
Our aim is to create an application that helps in budget tracking and easy payments while shopping. The product can be added to cart by scanning the QR code on the product. Details of the product will be available on scanning the QR code. The application automatically computes the cost of the products in the cart. Scanned details can be used to create an invoice. Adding and removing items from cart options can easily edit the invoice also. The invoice is directly saved to the device. It can be of great use to customers as well as the shop owners. Need for manual labour can be reduced. Direct payment can be made from the app. This can also reduce the hustle and bustle in the billing area which has to be avoided especially during this pandemic.

Who are benefitted:
1. Customer:
   - Complete details of the product available by just scanning the QR code
   - Real time budget tracking possible with ease of adding and removing item from the virtual cart
   - Ease of payment
   - No need to wait in a queue for payment.
   - Can keep digitised invoice.
2. Shop owner
   - Reduces the number of employees.
   - Reduces crowd in payment area.
   - Need not spend money on accounting softwares.
   - Save money by avoiding bill printing machines and papers.
3. Environment
   - Reduced usage of papers leads to decrease the amount of cutting trees.
   - Reduced usage of machinery leads to decrease in e-waste.