

Fuel token system functionalities

Fuel token System functionalities

Customer

- login / sign up → name, nic, address, phone number (OTP verified)
- main function → select fuel type to search
search station / check tokens / check availability
↓
- book token → selected fuel type (can be changed)
select amount required (limits can be implemented)
select station

book token button

↓
- viewing token sheets → downloadable + scannable QR
current ongoing token
estimated time left
↓
- after pumping → token claimed SMS + app update
fuel pump receipt / bill (downloadable pdf)
- transaction history → shows details of all times fuel was pumped
- add vehicles → 3 types of vehicles:
 - 1) private
 - 2) commercial
 - 3) dual purpose (trucks, lorries etc)

Additional

- notifications : could have an "inform me" option for when fuel arrives at a certain station
- news feed : sandul's idea

Fuel station user

- log in → station ID + password, pump no., fuel type, [log out]
- scan → camera opens to scan QR code
after scanning → vehicle plate no, amount to pump, token number

Fuel station admin

- login → station ID + password
- update stocks → each fuel type separately no. of litres
↳ system automatically calculates no. tokens that can be given + generates tokens

