Mapping Campus for a Better Experience

Enhancing Accessibility on Dhaka University Campus through Comprehensive Facility Mapping

Presented By: Al Sakib Rahman

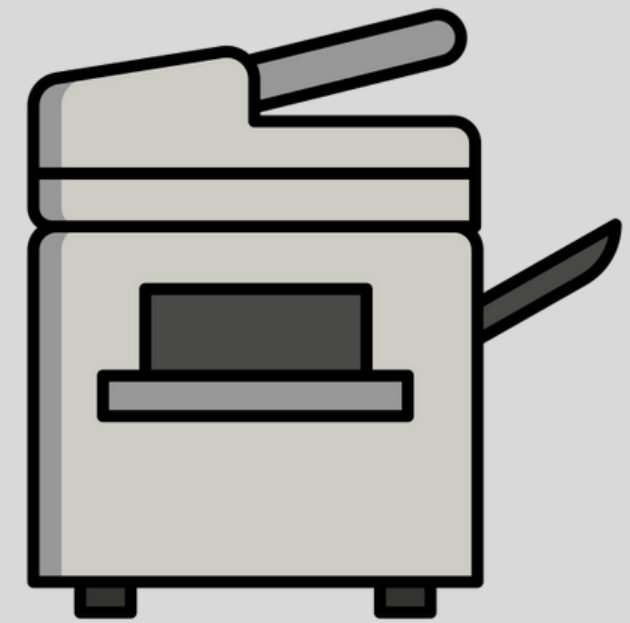Did you know that the majority of new students and visitors experience difficulty in finding essential services at the university?
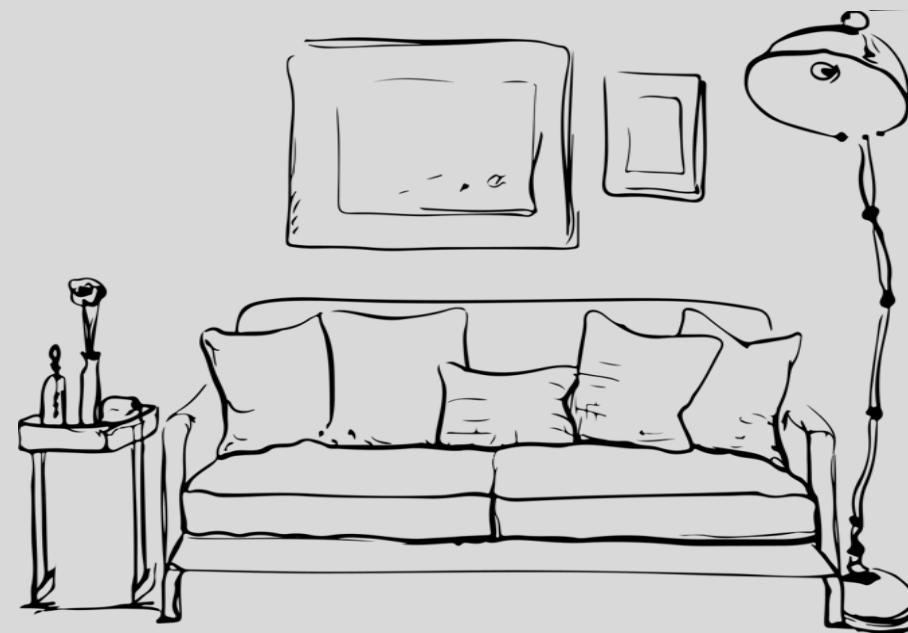
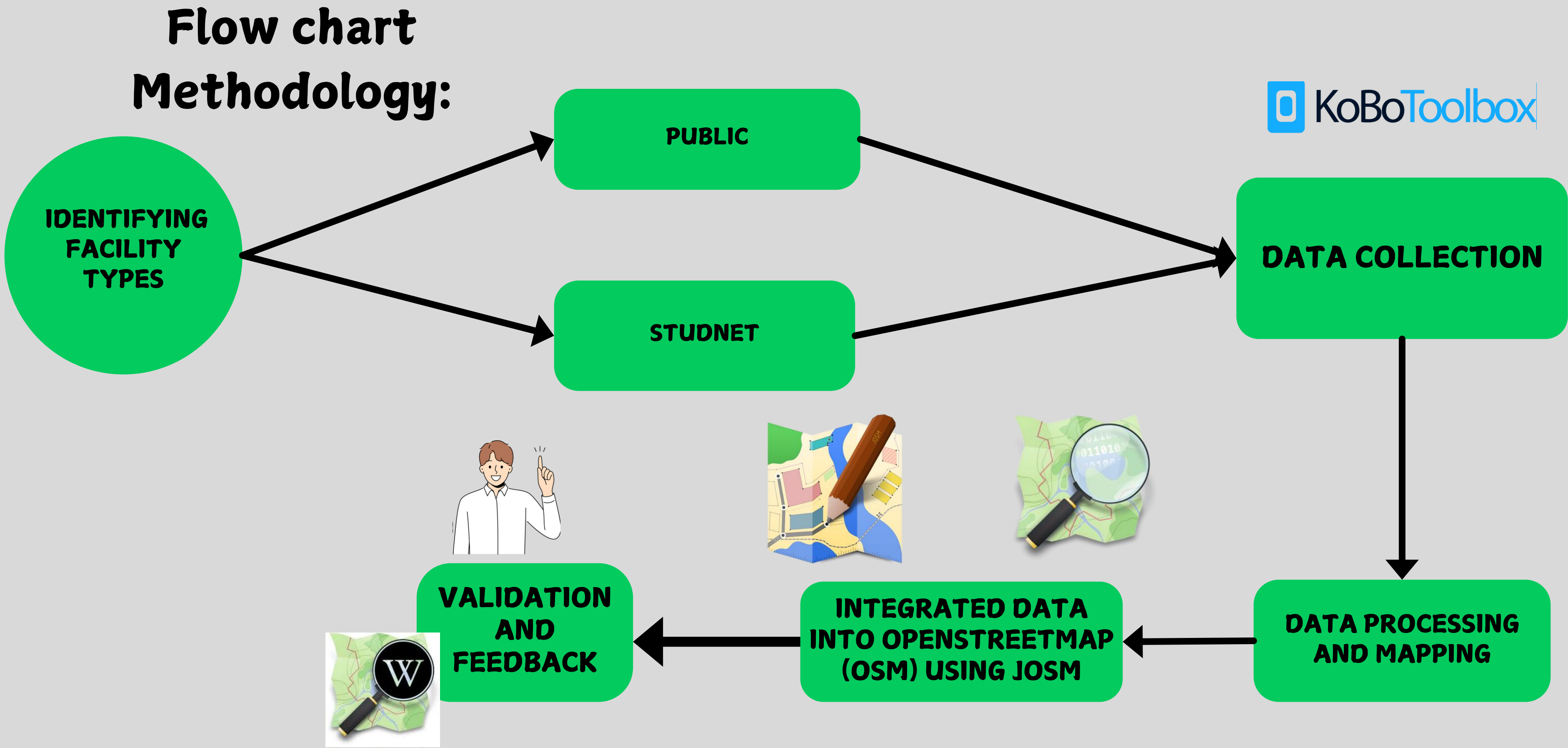Pharmacy

Canteen

Print Shop

Washroom

Restroom

Prayer Room

what can we do now??

For improving the overall accessibility of the campus, particularly for individuals with disabilities.

To address this challenge, the YouthMappers team from the University of Dhaka Chapter has stepped forward to map essential services across the campus, ensuring greater accessibility and ease of navigation for all.

"A step-by-step approach combining advanced tools and community participation to map essential facilities on the Dhaka University campus"

Flow chart
Methodology:

KoBoToolbox

IDENTIFYING FACILITY TYPES

PUBLIC

STUDNET

DATA COLLECTION

VALIDATION AND FEEDBACK

INTEGRATED DATA INTO OPENSTREETMAP (OSM) USING JOSM

DATA PROCESSING AND MAPPING

Data collection using Kobotool box

Integration of data collected by KoboToolbox into JOSM
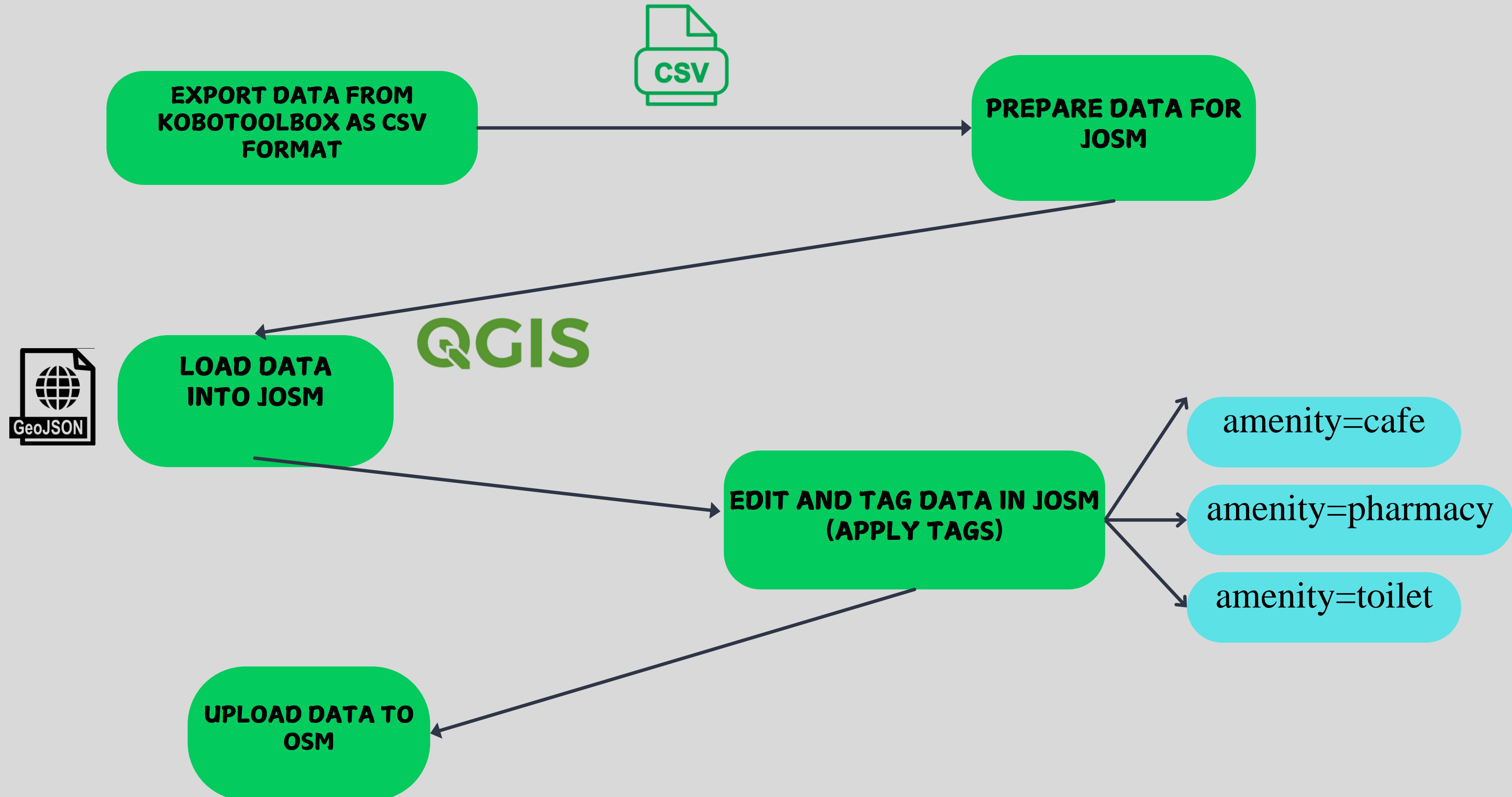
UPLOAD DATA TO OSM

UPLOAD DATA ICON > UPLOAD DATA

ADD A CLEAR CHANGESET COMMENT DESCRIBING EDITS

INCLUDE HASHTAGS

#YouthMappers
#DhakaUniversity

CLICK UPLOAD TO ADD YOUR DATA TO OSM

WAIT FOR CONFIRMATION THAT THE UPLOAD IS SUCCESSFUL

WHY ARE WE PREFERRING OSM?

OsmAnd (OSM Automated Navigation Directions) is a mobile application for Android and iOS that uses OpenStreetMap (OSM) data for offline navigation, mapping, and geospatial information.

FREELY AVAILABLE AND ACCESSIBLE WITHOUT INTERNET CONNECTION

THANK YOU EVERY ONE !!!