Abstract
The inefficiency of Kathmandu’s current public transportation system is leading to major traffic congestion and public safety issues. Implementing a central system of public transportation will help reduce traffic and improve the safety conditions of the public.

Background
- An increase in population and a decrease in the use of public transportation has resulted in an increase of privately owned vehicles in Kathmandu (1).
- 130 serious traffic accidents and over 1,000 minor accidents occur every day in Kathmandu (1).
- Many refuse to use public transport vehicles due to inefficient travel time and a concern for personal safety (1).

Project Goals/Objectives
- Implement Bus Rapid Transit in Kathmandu
- Decrease road congestion
- Increase use of public transportation
- Improve safety conditions by reducing road accidents and improving personal safety on the buses

Methods/Process
- Eliminate overcrowding by redesigning buses
- Improve safety by hiring qualified drivers and enhancing bus stations
- Speed up service by establishing bus-only lanes
- Increase efficiency by creating reliable schedules with specified routes

Anticipated Results
- Reduction of reported traffic accidents
  - 50%
- Reduction of registration of private vehicles
  - 30%
- Increase in use of public transportation
  - 200%
- Reduction of commute time
  - 50%

References