New parking lots for more cars. More staff and students drive to university, and parking lots are lacking. We need to build a new parking lots as soon as possible.

Although, our school has had many parking lots but from the MTU map we could find it easily that most of parking lots are far away from the buildings.

We could replace some parking areas with sky parking because this behavior could save a lot of place and also provide enough parking lots.

Our university doesn’t have enough parking space in some places in the campus, so many students and teachers are late for class because of looking for parking space. Therefore, we should change some parking areas into multilevel parking system. This system should able to park more cars than before in the same area and work under extremely cold temperatures.

Constraints:

1. Lower than 5% of the MTU budget.

2. Parking more cars than before.

3. Protect the parking lot from the weather.

Criteria:

1. Low cost

2. High efficiency for parking cars.

3. Safety

4. High reliability

5. Good appearance