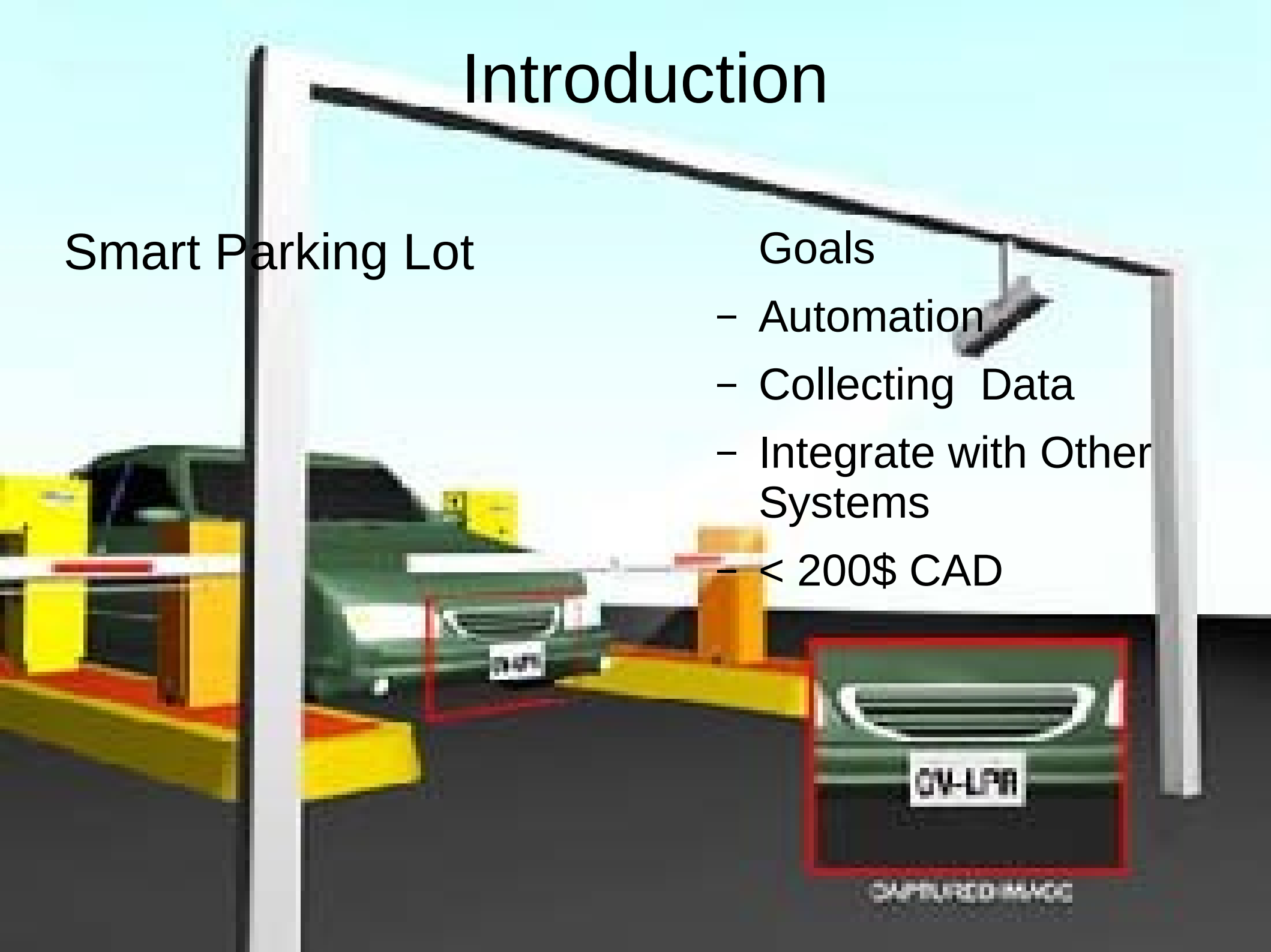
Introduction

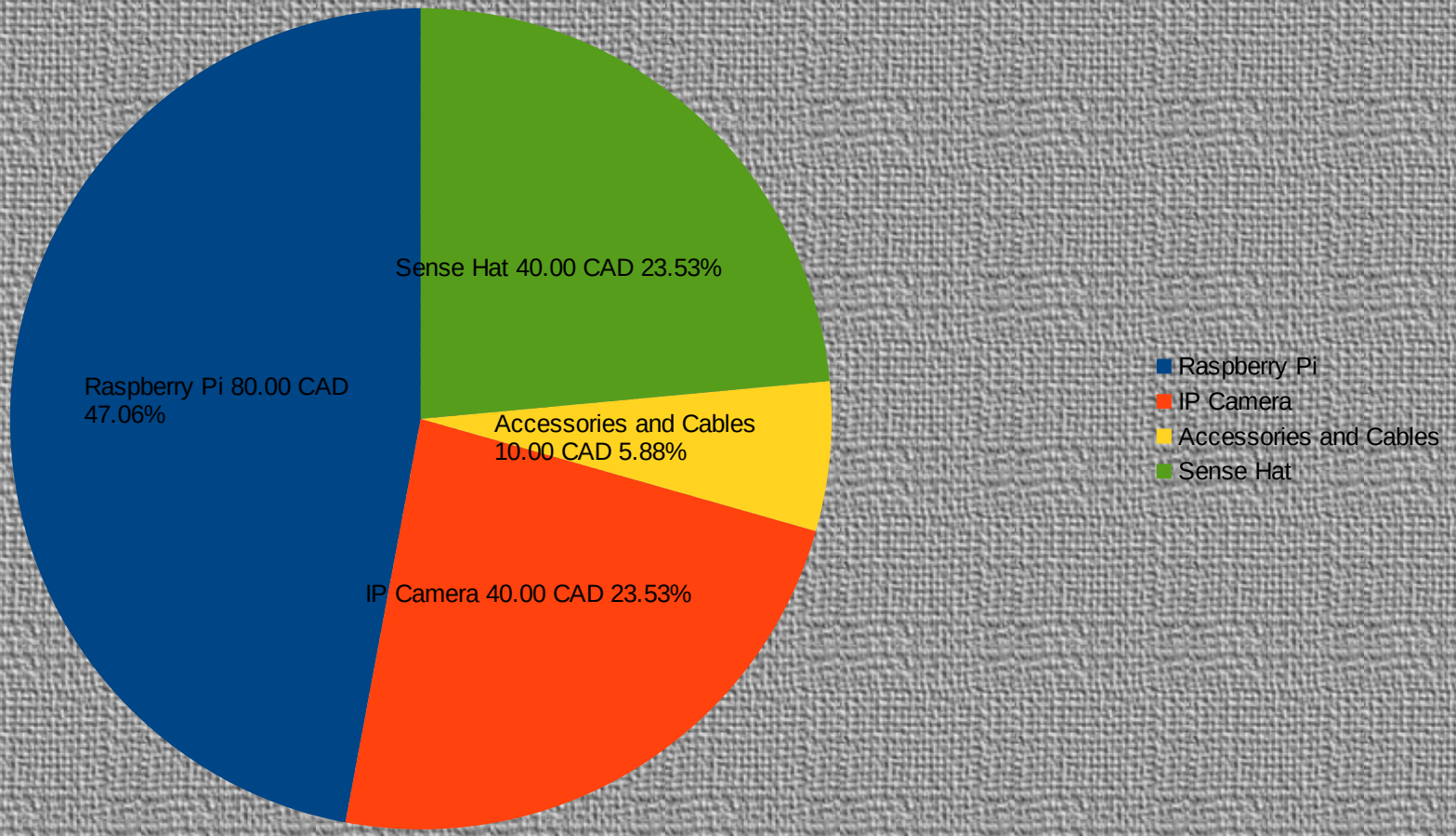
Smart Parking Lot

Goals

- Automation
- Collecting Data
- Integrate with Other Systems
- < 200$ CAD

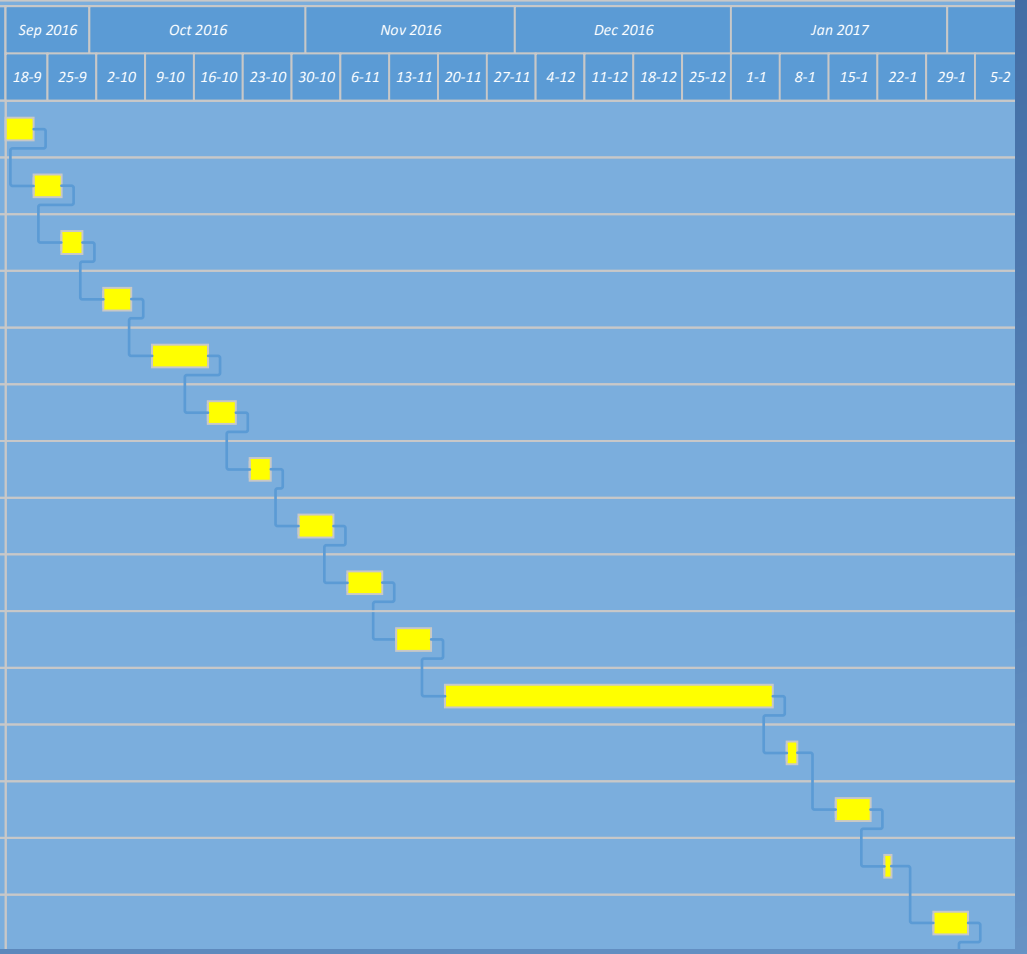


Budget


Sense Hat 40.00 CAD 23.53%
Raspberry Pi 80.00 CAD 47.06%
Accessories and Cables 10.00 CAD 5.88%
IP Camera 40.00 CAD 23.53%
Raspberry Pi
IP Camera
Accessories and Cables
Sense Hat

Schedule

ID	Task Name	Start	Finish	Duration
1	Writing Proposal / Define the problem	2016-09-19	2016-09-22	8h
2	Creating Project Schedule	2016-09-23	2016-09-26	4h
3	Create Budget / Status Meeting	2016-09-27	2016-09-29	6h
4	Getting Parts and writing report	2016-10-03	2016-10-06	8h
5	Mechanic Assembly	2016-10-10	2016-10-17	12h
6	PCB creation / Interface wiring	2016-10-18	2016-10-21	8h
7	Testing and Demoing	2016-10-24	2016-10-26	6h
8	Feedback and Writing Report	2016-10-31	2016-11-04	10h
9	Practice Presentation	2016-11-07	2016-11-11	10h
10	Satus Meetings	2016-11-14	2016-11-18	10h
11	Free Thinking and Revise Project Plan	2016-11-21	2017-01-06	70h
12	Meet with Humber Parking	2017-01-09	2017-01-10	3h
13	Initial Integration	2017-01-16	2017-01-20	10h
14	Meet with Humber Parking	2017-01-23	2017-01-23	2h
15	Testing	2017-01-30	2017-02-03	10h



Build Video

Course knowledge

- Unix Systems
- Android System
- Hardware Knowledge

Mainly Based on

https://github.com/openalpr/openalpr/wiki/Compilation-instructions-(Ubuntu-Linux)