

## Transcript



Title: IT Capstone Project: Smart Parking for Smart Cities

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ADAM KNOX: My name's Adam Knox, I'm studying a Bachelor of Computer Science with a Software Development major.

So there's nine of us working in the team, we're working on smart parking for smart cities, in particular, solving a problem with disabled parking spots.

A lot of people have had a lot of issues with people that aren't supposed to park in these spots.

What the user will do first is open their mobile app, then they can search for a space. They go in and they book the space.

They'll need to be registered with the app and have a valid permit that would need to be authenticated.

As they approach their mobile will be sensed, the bollard would come down. They'd be able to drive in and stay in the parking space.

And when they're done they'd leave and the bollard would go back up.

Our client for this project is Zeinab, she's a PhD student here at Swinburne.

It's been good because we've been able to just get that experience, instead of just doing self-made programs or projects, or something that's just been delivered as a unit.

It's been good to have something outside and someone that actually has different wants and needs and visions that we've had to meet.

One of the big highlights would be there's been a few teachers that have stepped up.

They've been a lot more helpful than I thought a university would be like.

So that's been really beneficial. To be able to come in and get the assistance I've need throughout the course.

With projects like this and a lot of other things happening, everything's going to be a lot smarter, I can only imagine.

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