

## Hurdles

How can we ensure real-time parking data is accurate and up to date?

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What if multiple users try to park in the same spot at the same time?

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How do we handle areas with bad GPS or weak phone signal?

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What privacy concerns might users have about location tracking?

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How do we encourage enough users early on to make the app valuable?

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## Technology Stack

Should we use google maps api or build a custom mapping system?

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what database will we use to store and update parking data?

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what backend framework would best fit fast real time updates?

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Should the app be built natively or with cross platform tool like flutter or react native?

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How will we integrate real time sensors or camera for detecting open spots?

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## Future Growth

Could CamPark expand to nearby downtown areas beyond campus?

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Can we partner with the university to get direct parking lot and street sensor data?

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Should we add reservation options so users can "hold" a spot for a few minutes?

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How could we integrate payment features if metered parking is added later?

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Could businesses around campus sponsor ads or discounts on the app for extra revenue?

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## Most Basic

Real-time map showing available and taken parking spots.

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Tap on a parking spot to get simple directions.

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Refresh/update button to get the latest parking availability.

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Basic filter to show different campus zones (north, south, etc.).

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Simple settings page for notification preferences.

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