Mobile Driver’s License
Current Resources and Future Considerations
Functional Requirements

When a user takes a photo, the app should check whether they're in a national park...

Sure, easy GIS lookup.
Gimme a few hours.

...and check whether the photo is of a bird.

I'll need a research team and five years.

https://imgs.xkcd.com/comics/tasks.png
Proof of Concept

INTRODUCING
THE XKCD PHONE 5
WE'RE TRYING TO CATCH UP TO APPLE BUT REFUSE TO SKIP NUMBERS™

https://imgs.xkcd.com/comics/xkcd_phone_5.png
Interoperability Standardization

How Standards Proliferate:

(See: A/C chargers, character encodings, instant messaging, etc)

SITUATION: There are 14 competing standards.

14?! Ridiculous! We need to develop one universal standard that covers everyone's use cases. Yeah!

[Soon:]

SITUATION: There are 15 competing standards.

https://imgs.xkcd.com/comics/standards.png
Privacy

- Email account setup to verify your identity, we need to ask you a question nobody else could answer.

Q: Where are the bodies buried?
A: Behind the

Behind the... nice try.

https://imgs.xkcd.com/comics/security_question.png
Security

A CRYPTO NERD’S IMAGINATION:

His laptop’s encrypted. Let’s build a million-dollar cluster to crack it.

No good! It’s 4096-bit RSA!

Blast! Our evil plan is foiled!

WHAT WOULD ACTUALLY HAPPEN:

His laptop’s encrypted. Drug him and hit him with this $5 wrench until he tells us the password.

Got it.

https://imgs.xkcd.com/comics/security.png
Support

NO PROBLEM. HEY, IN THE FUTURE, IF YOU'RE ON ANY TECH SUPPORT CALL, YOU CAN SAY THE CODE WORD "SHIBBOLEET" AT ANY POINT AND YOU'LL BE AUTOMATICALLY TRANSFERRED TO SOMEONE WHO KNOWS A MINIMUM OF TWO PROGRAMMING LANGUAGES.

SERIOUSLY? YUP. IT'S A BACKDOOR PUT IN BY THE GEEKS WHO BUILT THESE PHONE SUPPORT SYSTEMS BACK IN THE 1990'S. DON'T TELL ANYONE.

OH MY GOD, THIS IS THE GREATEST— WHA-...DAMMIT.

https://imgs.xkcd.com/comics/tech_support.png
For More Information

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