

Software development in the real world

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- We need a new application...

It needs to...

...run 24 / 7 / 365 unattended...

...be easy enough to be used by anyone...

...look, as the client put it, sexy...

...run on some form of hardware with Microsoft OS...

...handle payments via an EFTPOS terminal...

...print tickets using a Boca ticket printer...

Would you say yes?

...it has to be live in 3 weeks...

Hi!





TM

...a decade...





...and charity...







ticketdirect





Making money selling tickets

...more sold tickets == more money...

...more outlets == more sold tickets...

...more outlets == more staff...

...more staff == less money...

- We need a kiosk...

// GOOD TIME TO SHOW THE APP

KISS

Keep It Simple Stupid

“KISSing” the kiosk

...needs to be built in Silverlight due to code reuse...

...Silverlight doesn't support ActiveX controls...

...Silverlight doesn't support printing...

...Silverlight doesn't allow access to harddrive...

...Silverlight runs in a browser of some form...

...Silverlight isn't really the right tool for the job...

KIASAP

“KIASAPing” the kiosk

...use Windows app for hosting client and WCF services...

...expose functionality to Silverlight using WCF...

ActiveX > WCF > Silverlight

Harddrive > WCF > Silverlight

Printing functionality > WCF > Silverlight

...and so on...

YAGNI

You Ain't Gonna Need It

Just remember one thing...

...be up front with the customer!

Don't forget looking at...

...3rd party applications, controls and frameworks...

...open source initiatives on the web...

...forums and other resources on the web...

“Imitation is the best form of flattery”

Charles Caleb Colton

...but make sure it fits...

...and that the license works for you...

Pick some good patterns

...but make sure they fit...

Conclusion

Be flexible and creative

McGyver might be better than Stephen Hawking

Do not reinvent

The likelihood of improving the wheel is small

Remember that there is a client

...and the he or she is paying for every hour you spend...

Any questions?

Thank you!

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