POLITECNICO
MILANO 1863

Smart Tourist

**Design and Implementation of Mobile Applications
Design Document**

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7.1 Services

SmartTourist relies almost only on free data. Here, it follows the description of the external services used.

- Wikipedia:

7.2 Libraries

The app uses lots of third parties' libraries the can be roughly divided into three kind: architectural libraries, back-end libraries and front-end libraries.

Kind	Library	Description
Architectural	Katana	Katana is a modern Swift framework for writing iOS appli
	Tempura	Tempura is a holistic approach to iOS development, it bor
Back-end	DeepDiff	DeepDiff tells the difference between 2 collections and th
	Fuse	Fuse is a super lightweight library which provides a simpl
	Alamofire	Alamofire is an HTTP networking library written in Swift.
	SigmaSwiftStatistics	It is a collection of functions that perform statistical calcu
	SwiftyXMLParser	Simple XML Parser implemented in Swift
Front-end	PinLayout	Extremely Fast views layouting without auto layout. No m
	FlexLayout	Angular Flex Layout provides a sophisticated layout API u
	Cosmos	This is a UI control for iOS and tvOS written in Swift.
	ImageSlideshow	Customizable Swift image slideshow with circular scrollin
	MarqueeLabel	MarqueeLabel is a UILabel subclass adds a scrolling mar
	FontAwesome	Use Font Awesome in your Swift projects
	FlagKit	Beautiful flag icons for usage in apps and on the web.

8 Testing

9 Effort spent