



Zephyrus

DeGeOP

A Designer and Geo-localizer Web App
for Organizational Plants

SWE 2016-2017

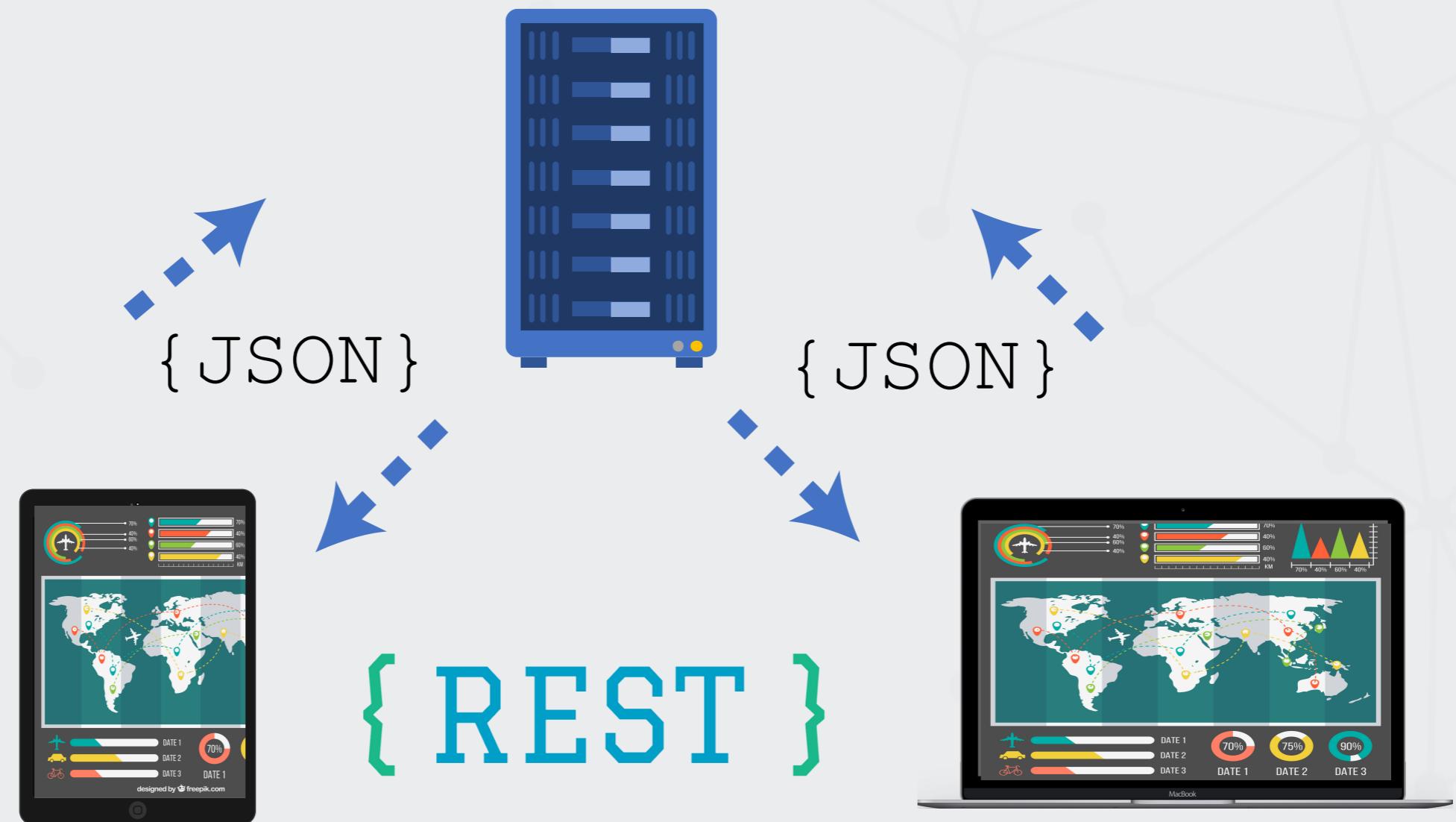


Scopo del progetto DeGeOP

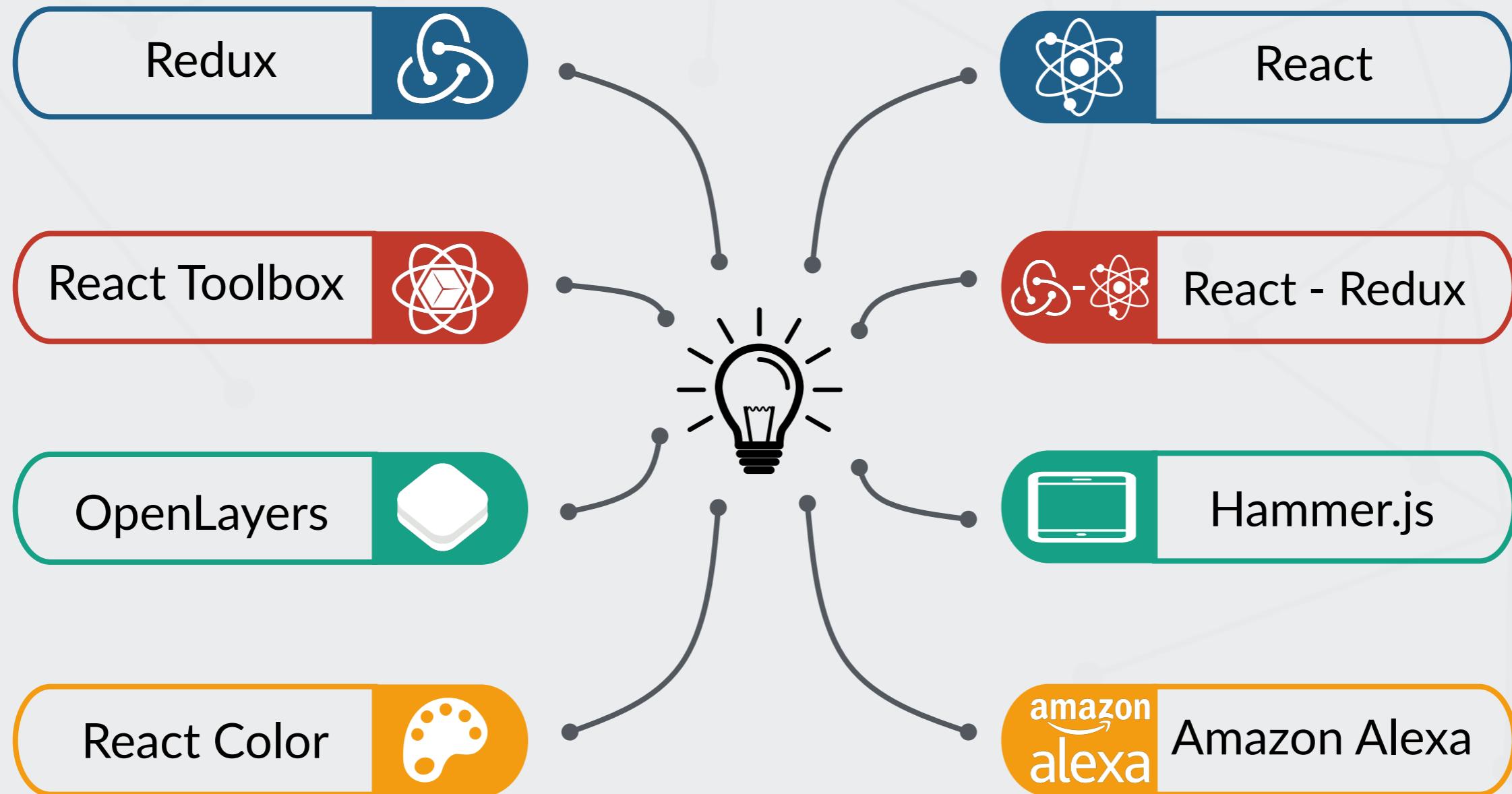


Architettura Client-Server

Server RiskApp



Architettura Package esterni



Architettura 3 principi Redux

“I cambiamenti sono effettuati tramite funzioni pure”

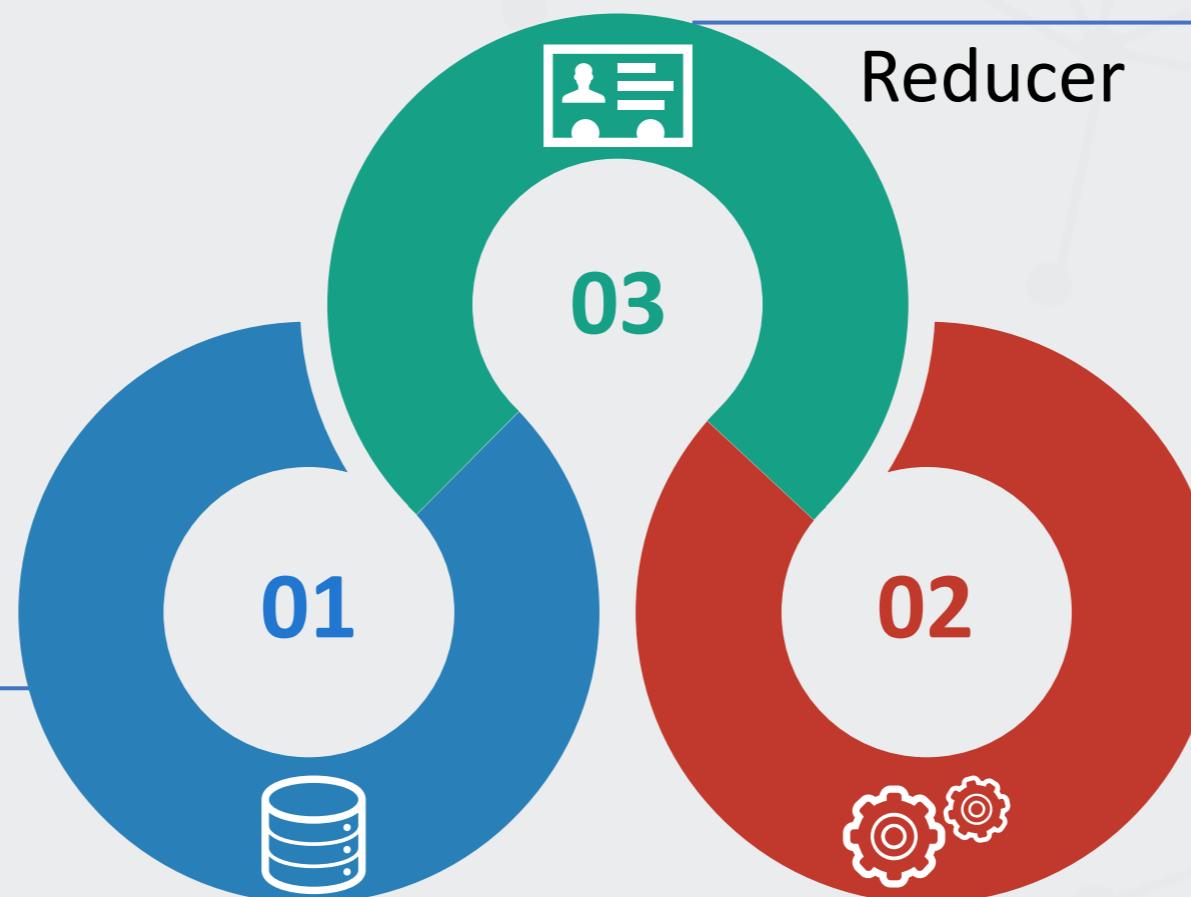
“Singola sorgente di verità”

Store

Reducer

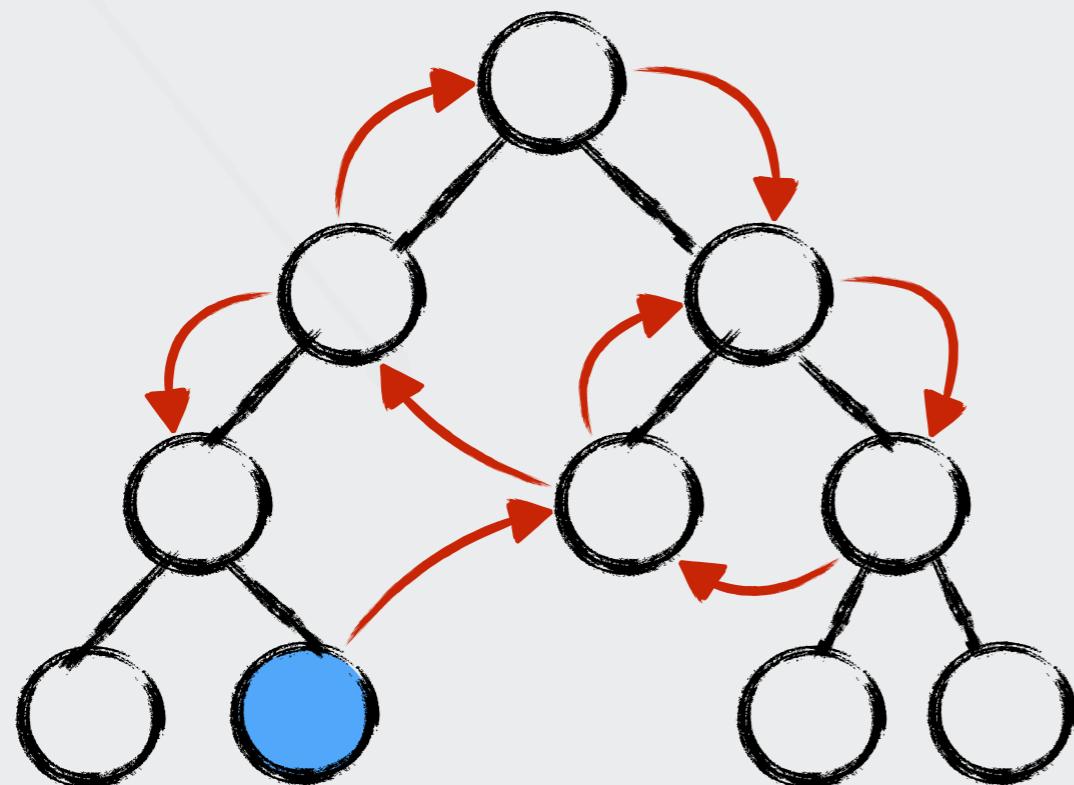
“Lo stato è in sola lettura”

Action

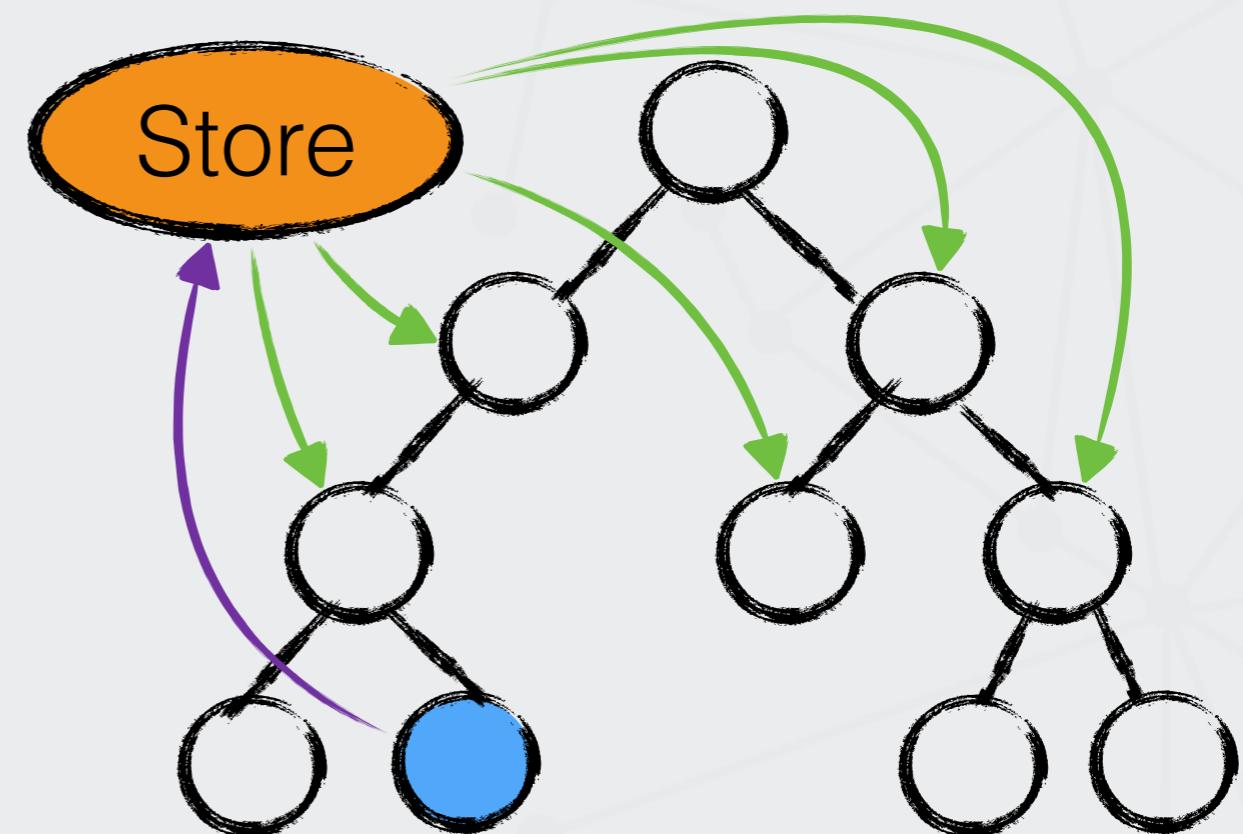


Redux **Funzionamento**

Senza Redux



Con Redux



- Componente che genera un cambiamento

→ Signal

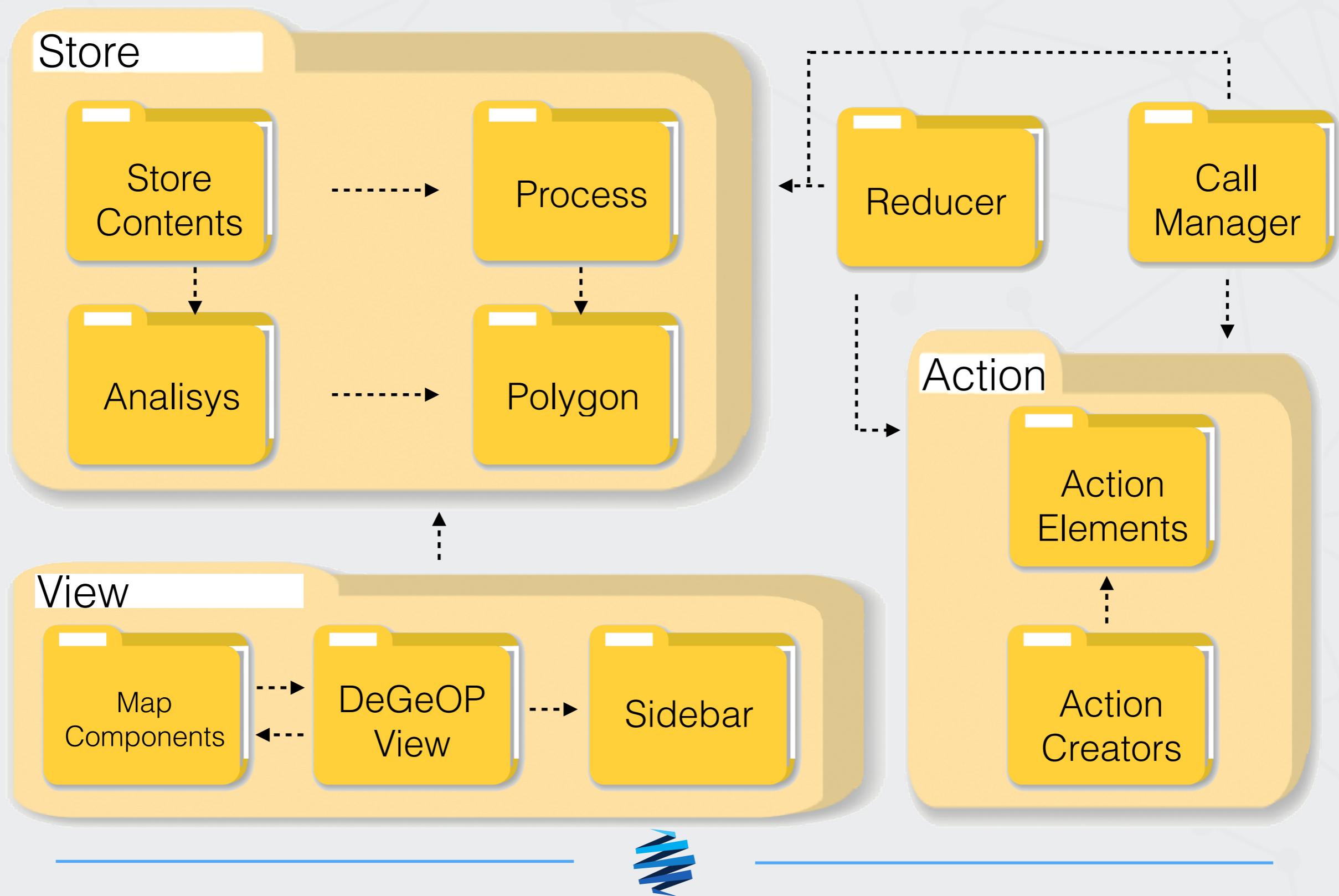
→ Dispatch



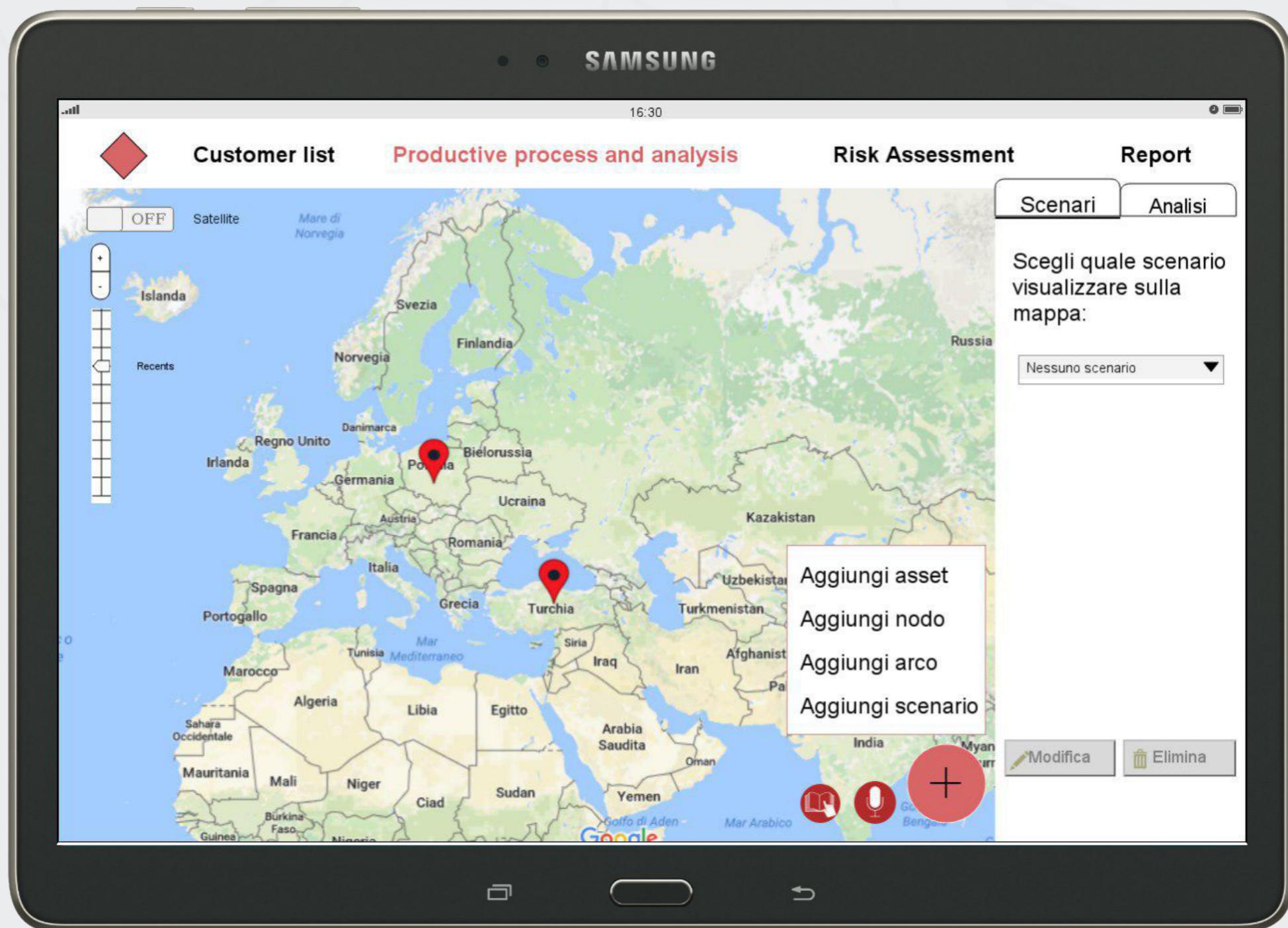
Architettura Redux



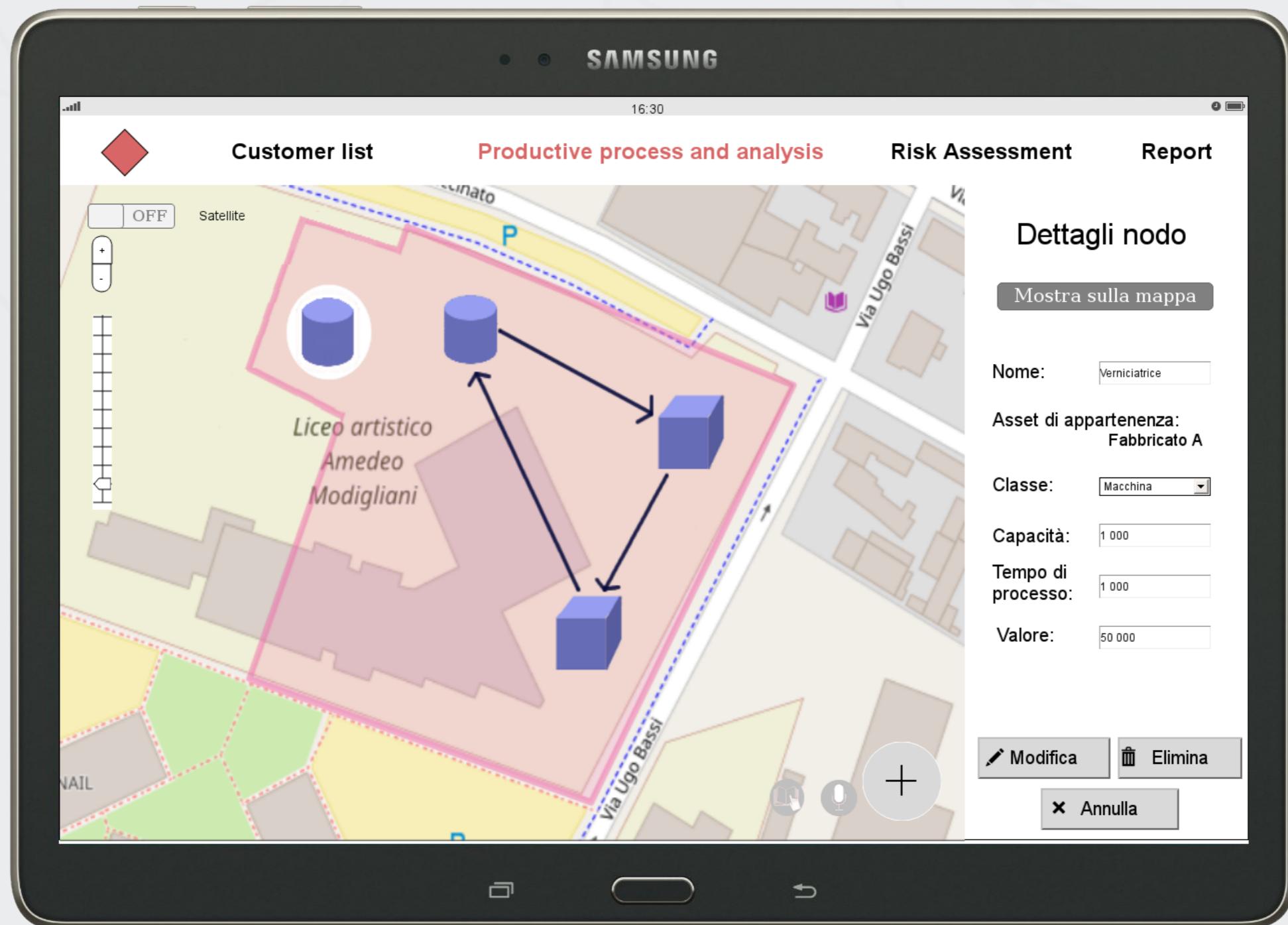
Architettura DeGeOP



View Mockup introduttivo



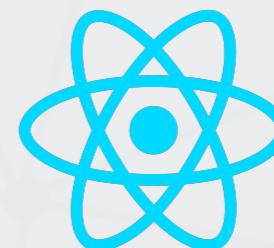
View Mockup processo



Libreria scelta React



Comprensibilità: one way data binding



React



Efficienza: virtual DOM



Modularizzazione



Componente

```
<div>
  <p>Buongiorno</p>
  <p>10:30AM</p>
</div>
```

Virtual DOM

```
<div>
  <p>Buongiorno</p>
  <p>7:30AM</p>
</div>
```

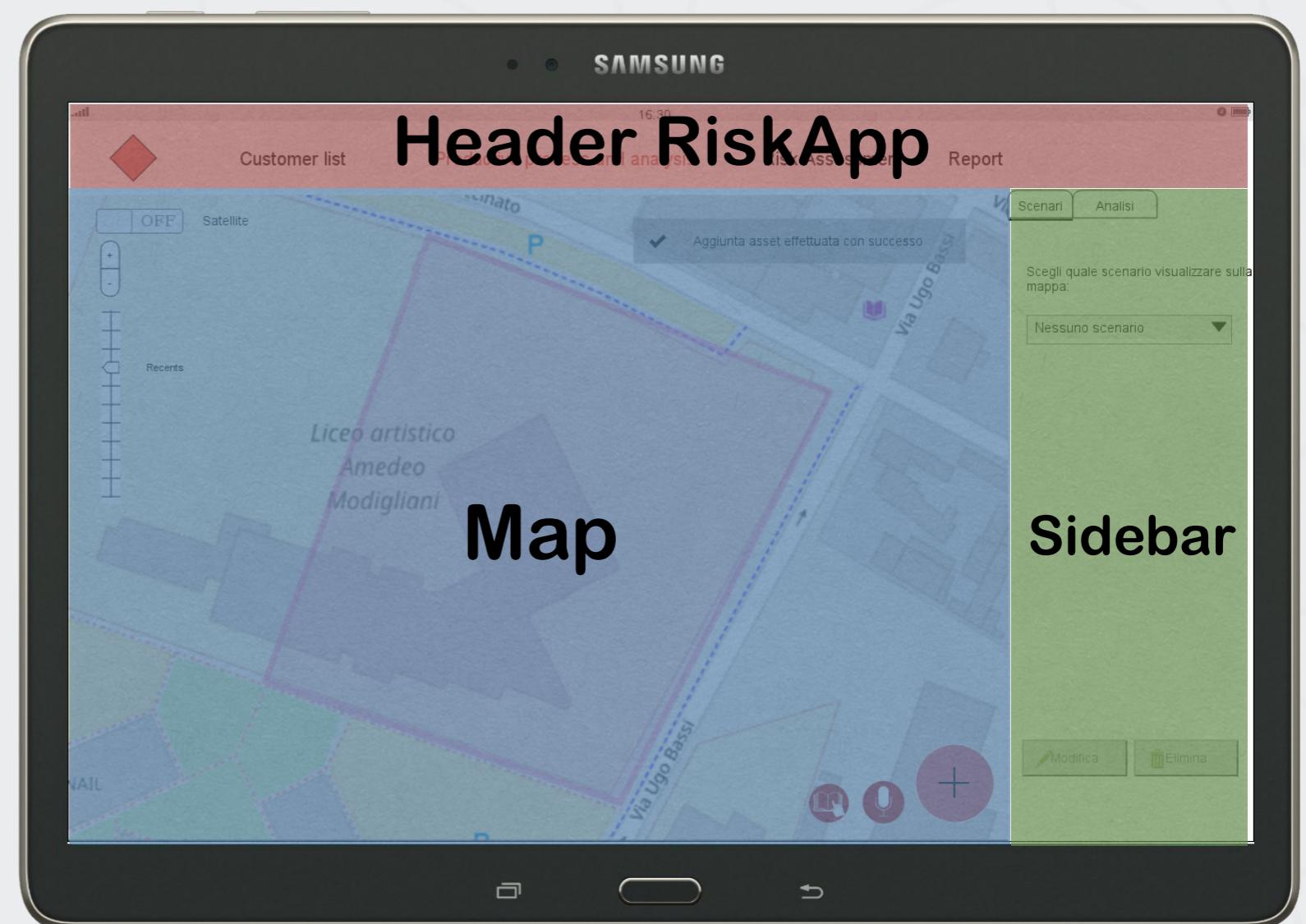
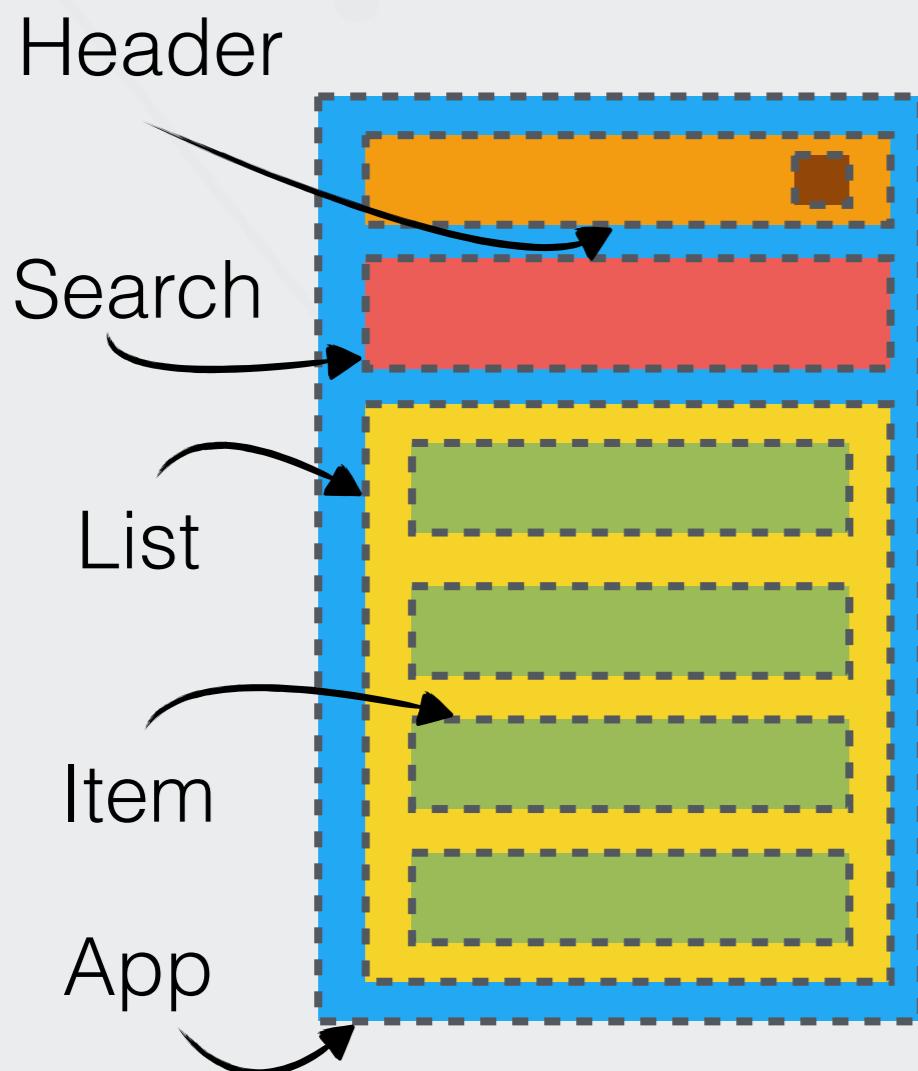
HTML iniziale

```
<div>
  <p>Buongiorno</p>
  <p>10:30AM</p>
</div>
```

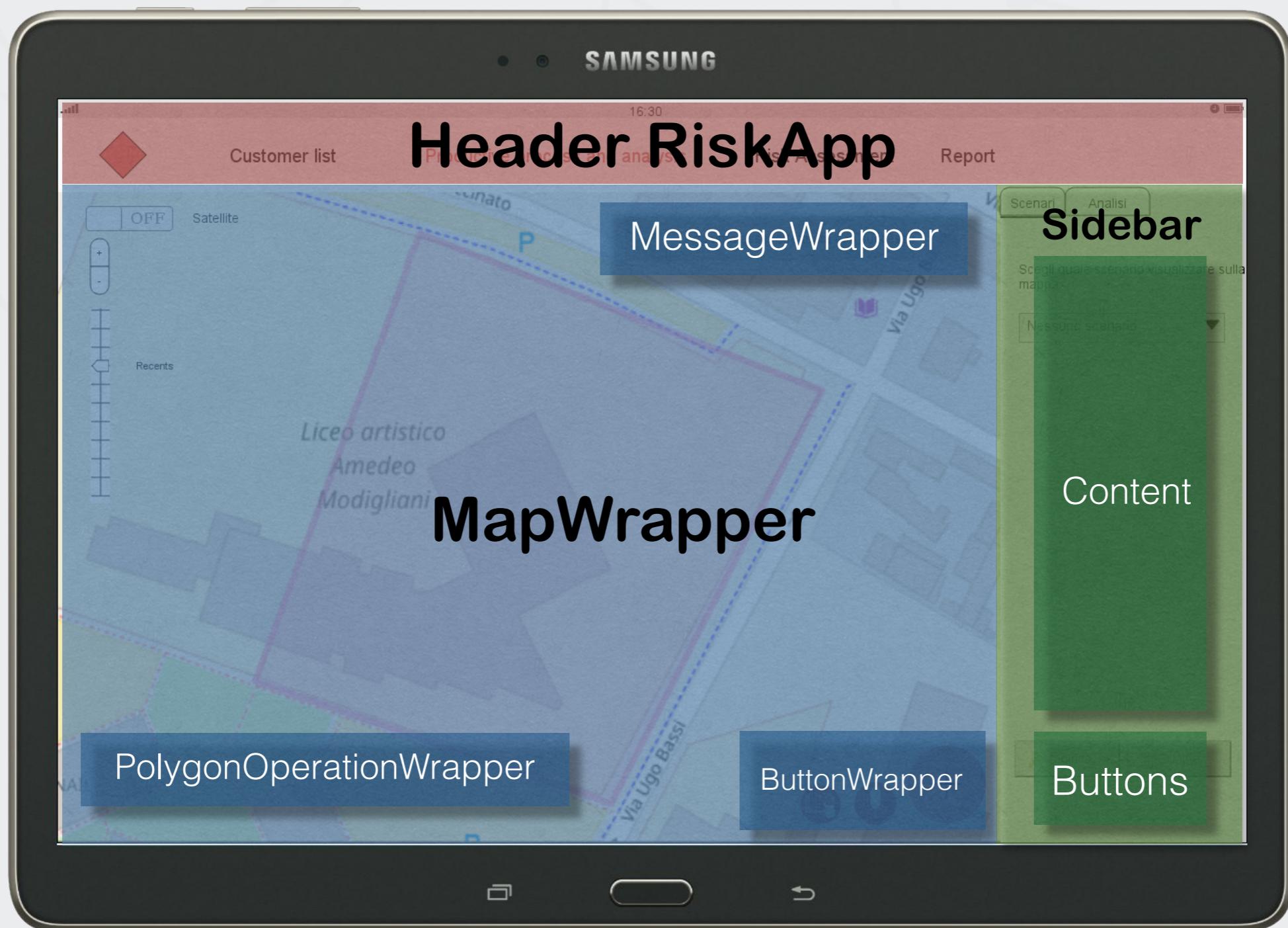
HTML finale



Mockup Alto livello



Mockup Dettaglio



Norme di progetto **Strumenti**



Norme di progetto **Gestione configurazione**



git

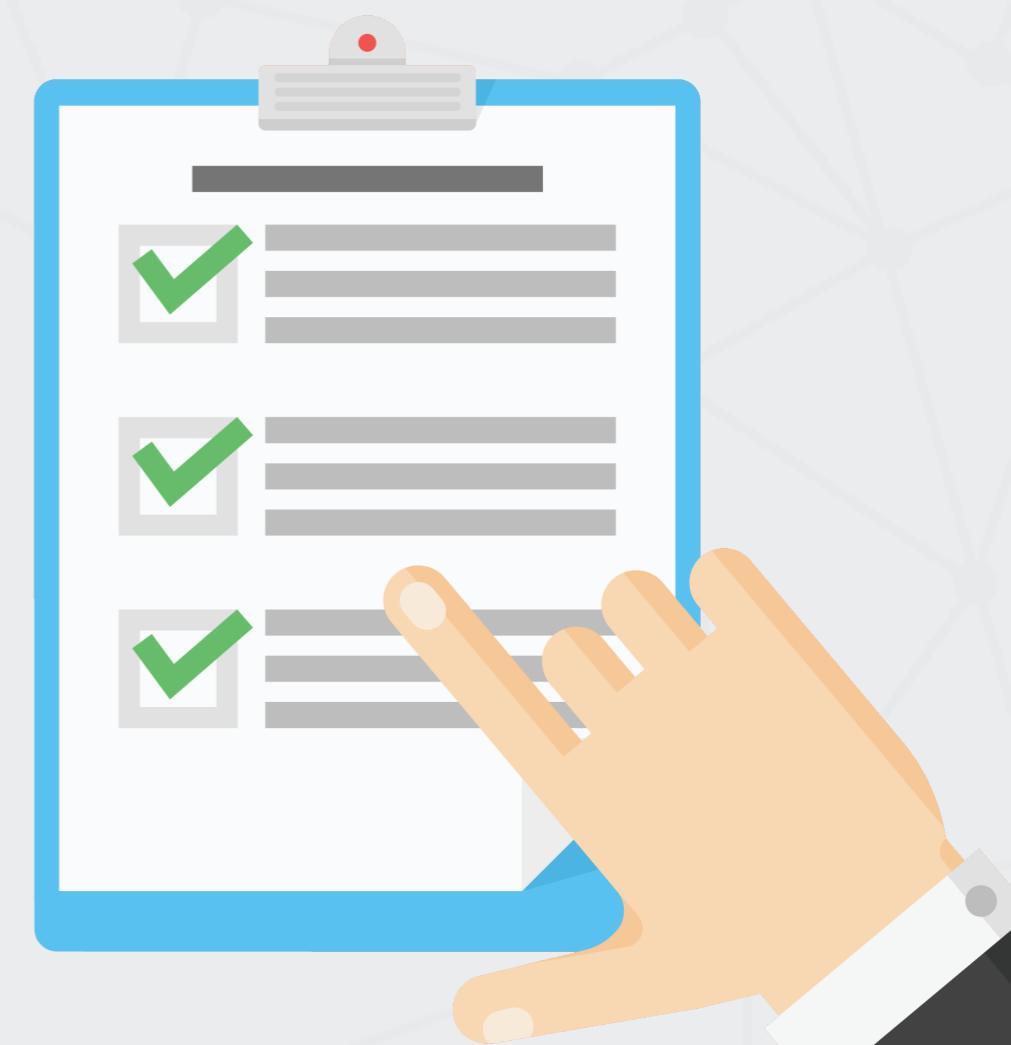


Analisi dei requisiti **Revisione**

Scenario principale negli use case

Estensioni e gerarchie

Validazioni dei campi



Obbligatorio	Desiderabile	Opzionale	Totale
182+55 = 237	11-4 = 7	13+22 = 35	206+73 = 279



Piano di Qualifica **Obiettivi**



Documentazione

- Qualità delle immagini
- Impegno nella stesura dei documenti

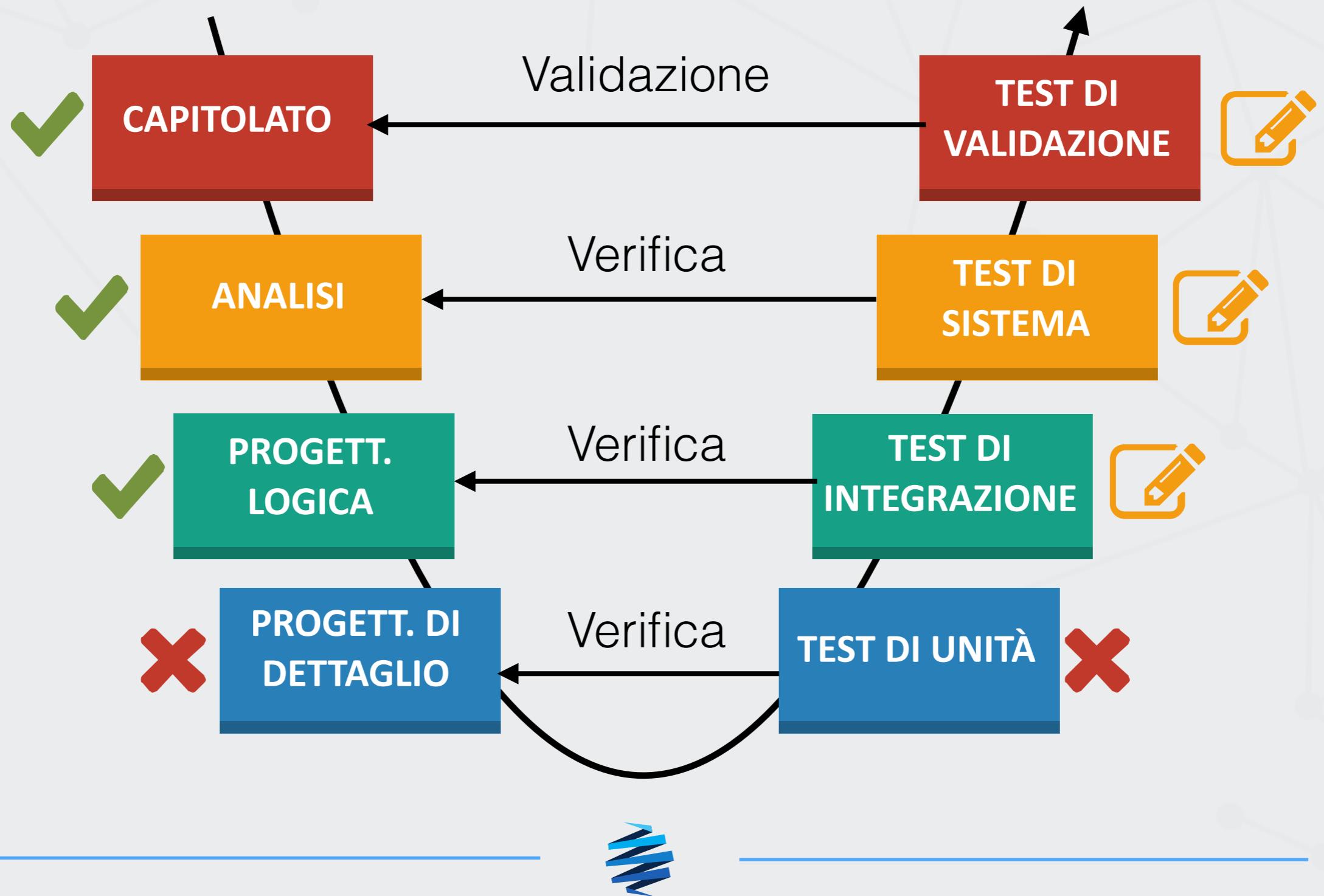


Sviluppo

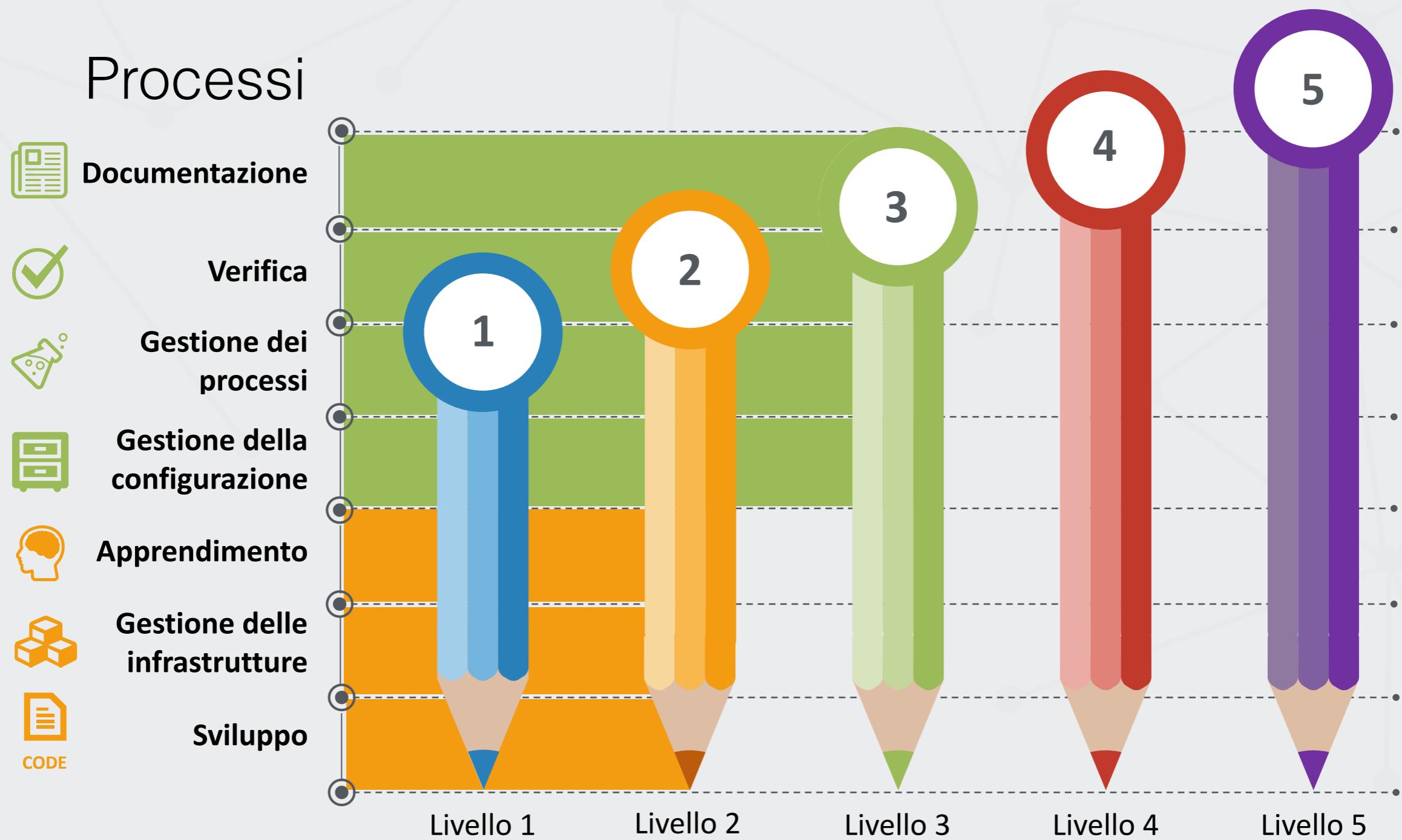
- Alto grado di utilità
- Basso grado di accoppiamento



Test Modello a V



Qualità Resoconto CMM



Piano di Progetto **Pianificazione e rischi**



RP-min

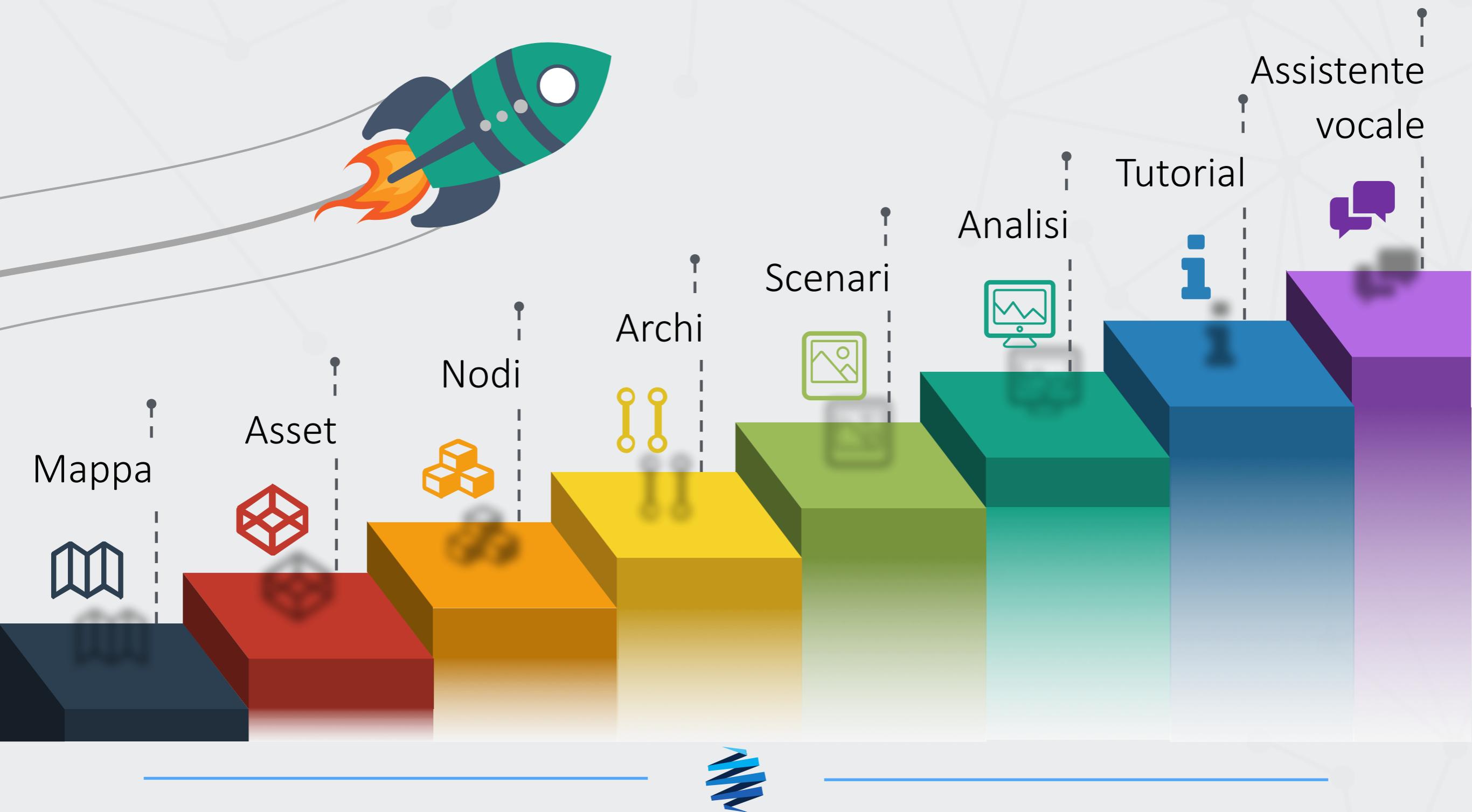
Identificazione
preventiva di errori
architetturali



Pianificazione impegni e
problemi dei membri del
gruppo

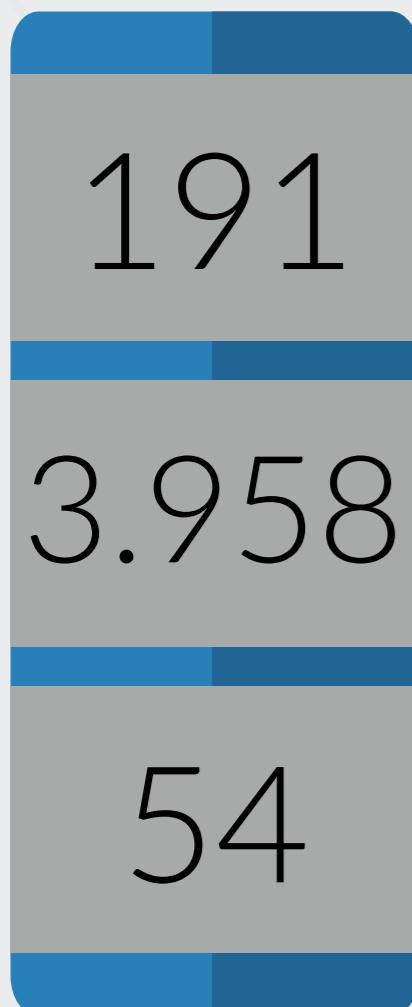


Modello incrementale **Incrementi**



Piano di Progetto **Consuntivo di periodo**

Preventivo

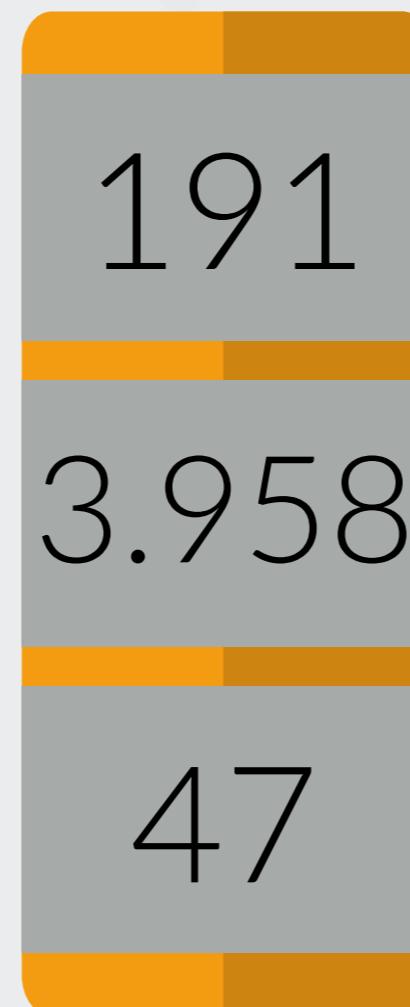


Ore
rendicontate

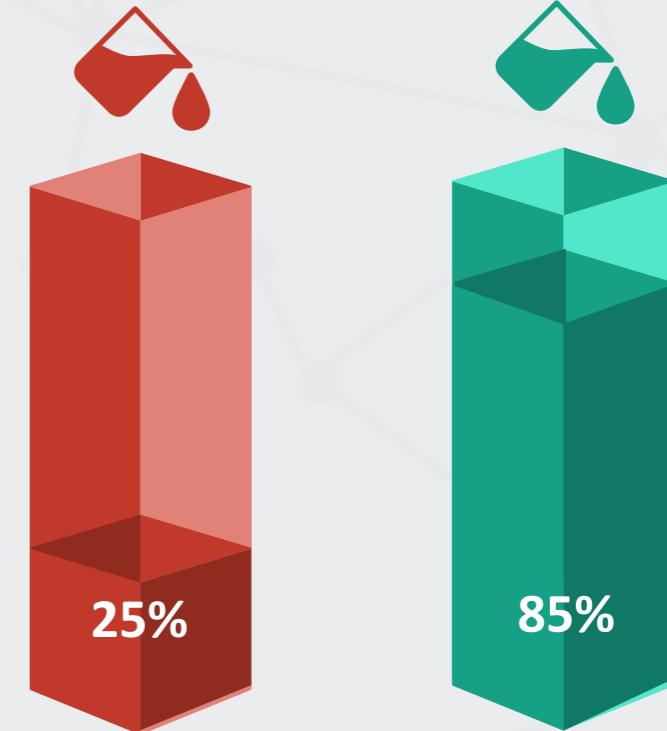
€

Ore di
investimento

Consuntivo



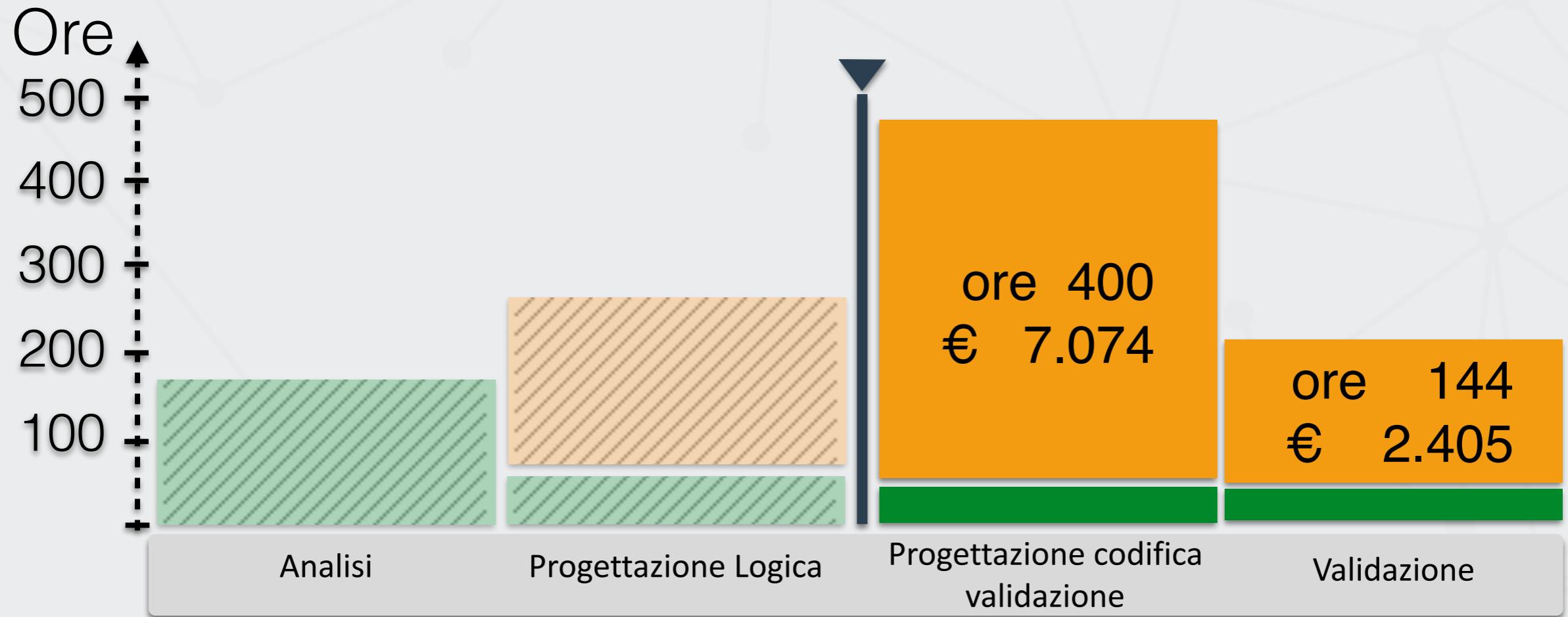
Totale ore impiegate



Totale: € 13.437



Piano di Progetto Preventivo a finire



Consuntivo

- Ore rendicontate
- Ore non rendicontate

Preventivo a finire

- Ore rendicontate
- Ore non rendicontate





Zephyrus

DeGeOP

**A Designer and Geo-localizer Web App
for Organizational Plants**

I nostri contatti:

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