

# Delivery Manager School - Final Exam

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M-Hub

- Inglass SPA is a Molding machines manufacturer
- Molding machines to create plastic parts for cars and other vehicles
- The market of such parts is obscure, so that
- Finding a manufacturer or a molding machine is hard

- Inglass idea is to create a market place for molding machines
- Inglass doesn't have Software Development expertise
- So

# Challenge

Create a full solution to create and manage molding machines owning companies allowing for searching and contacting such companies for further collaboration.

## Technology Challenge

- Mobile App with geocoding and autocomplete
- Implementation of security policies regarding user sign-up and sign-in
- Availability in China

# The project

- Not a PDS
- End-2-end
- T&M



# Stakeholders

Side	Role	Name	Contacts
INglass	Sponsor, President	Maurizio Bazzo	Maurizio.Bazzo@inglass.it
INglass	Project Manager	Andrea Tellan	Andrea.Tellan@inglass.it
INglass	Product Owner	Riccardo Villa	Riccardo.Villa@inglass.it
INglass	UX, Marketing	Andrea Modolo	Andrea.Modolo@inglass.it
INglass	Solution Architect	Massimo Demarch	Massimo.Demarch@inglass.it
INglass	Legal	Valentina Brugnera	Valentia.Brugnera@inglass.it
INglass	Security	Davide Gastaldon	Davide.Gastaldon@inglass.it



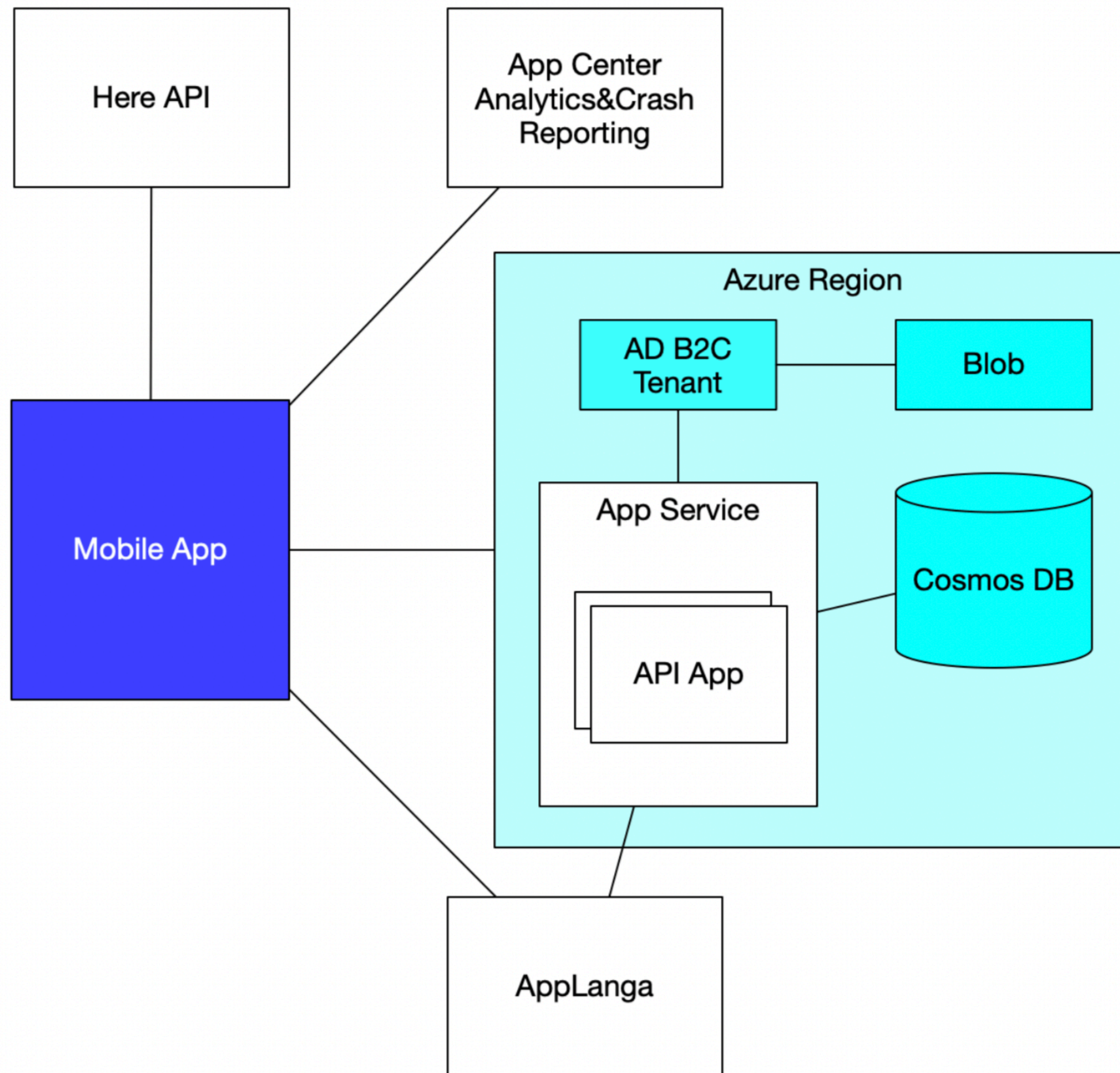
## Project phases

- RFP
- Engagement
- Discovery
- Construction
- Transition

# Engagement&Discovery artifacts

- SOW

- SAD



# Current phase: Construction

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**Construction is being done**

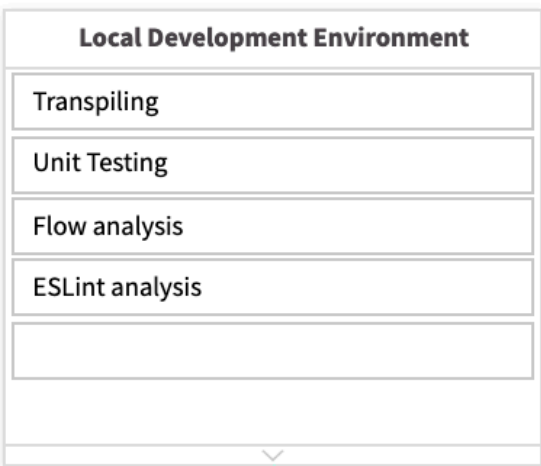
— With Scrum and 2-weeks iterations

- Communication plan is set up
- Risks are reviewed and updated weekly

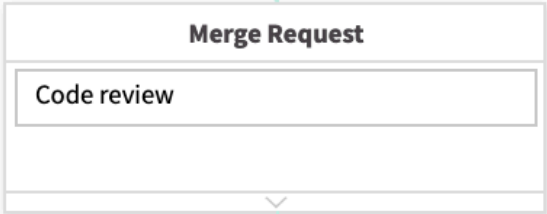
## EngX

- CI/CD pipeline is setup for mobile apps(Android, iOS) and serverside.
- Every merge request is reviewed by 2 persons.
- Every commit is protected with pre-commit hooks(static analysis).

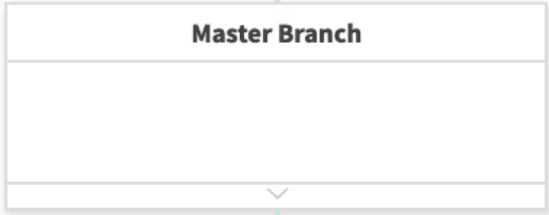




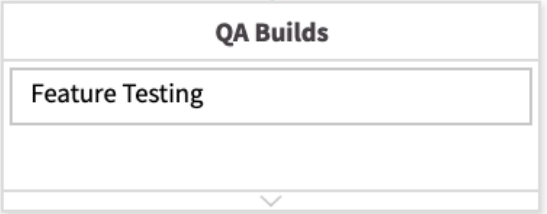
Merge Request creation  
[ Pre-commit hook with unit tests, flow and eslint ]



Request completed  
[ 2 reviewers approved ]



Manual trigger  
[ Buildable, all unit tests passed, flow&eslint passed ]



## What to improve:

- Add all checks on Merge Request
- Automation tools for QA
- Resolve Autocomplete issues for China
- Improve development velocity by introducing user-stories checklists
- Lower uncertainty from the customer