

# Distributed Software Development



2013-01-15



1



MÄLARDALENS HÖGSKOLA

Taxi Service

# Final product



2013-01-15



2



MÄLARDALENS HÖGSKOLA

# Project Schedule

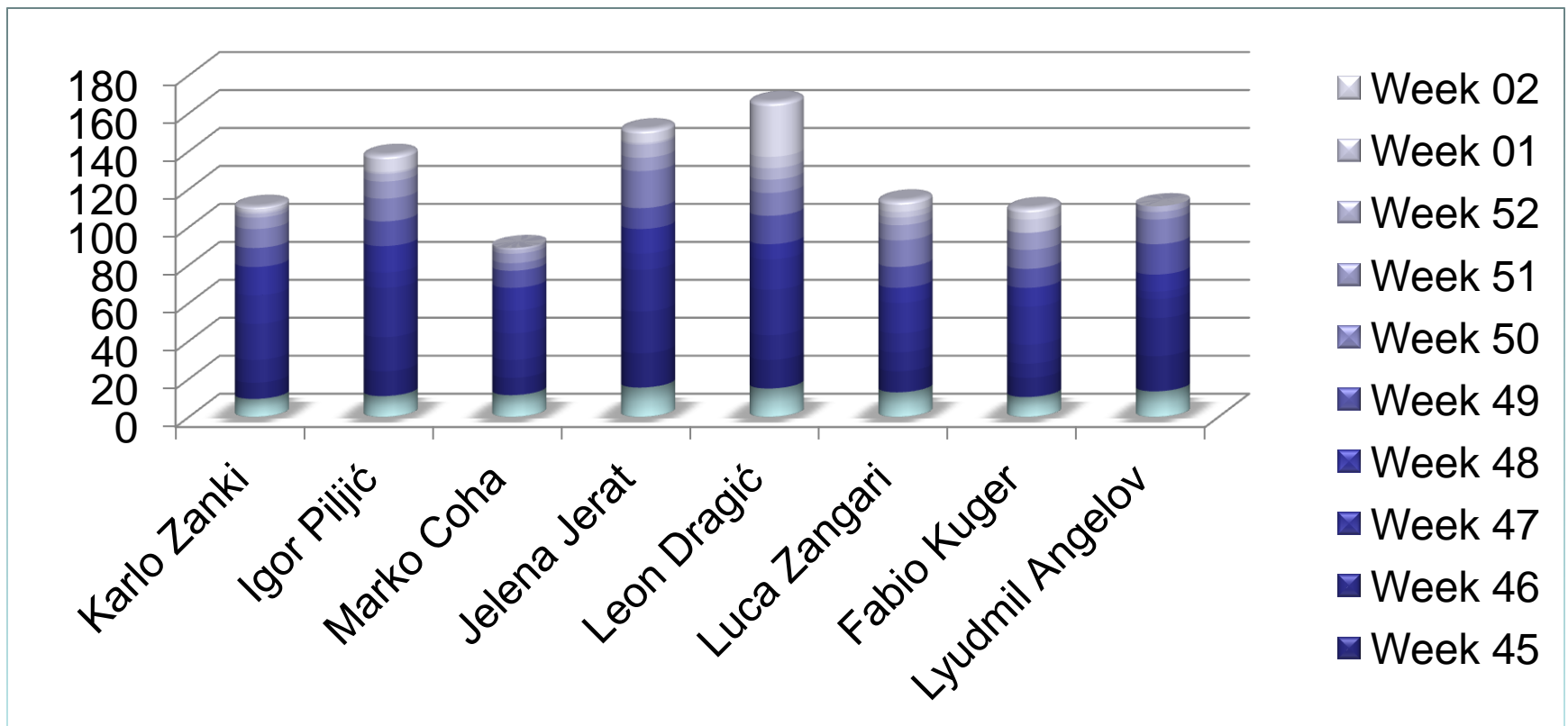


# Progress

Feature name	Implemented	Integrated	Review
Taxi notifies the server of its location continuously	✓	✓	✓
Taxi can get its zone information from the server	✓	✓	✓
Taxi can change its status	✓	✓	✓
Customer can place an order for a taxi	✓	✓	✓
Taxi can receive order	✓	✓	✓
After the taxi is selected, customer gets taxi info	✓	✓	✓
Extra features	✓	✓	✓

# Workload

- Total: 1000 working hours

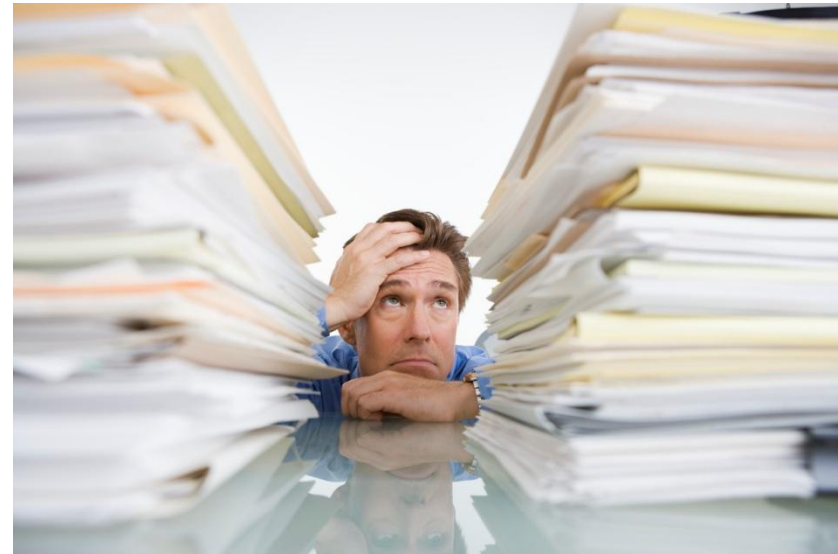


# Project milestones

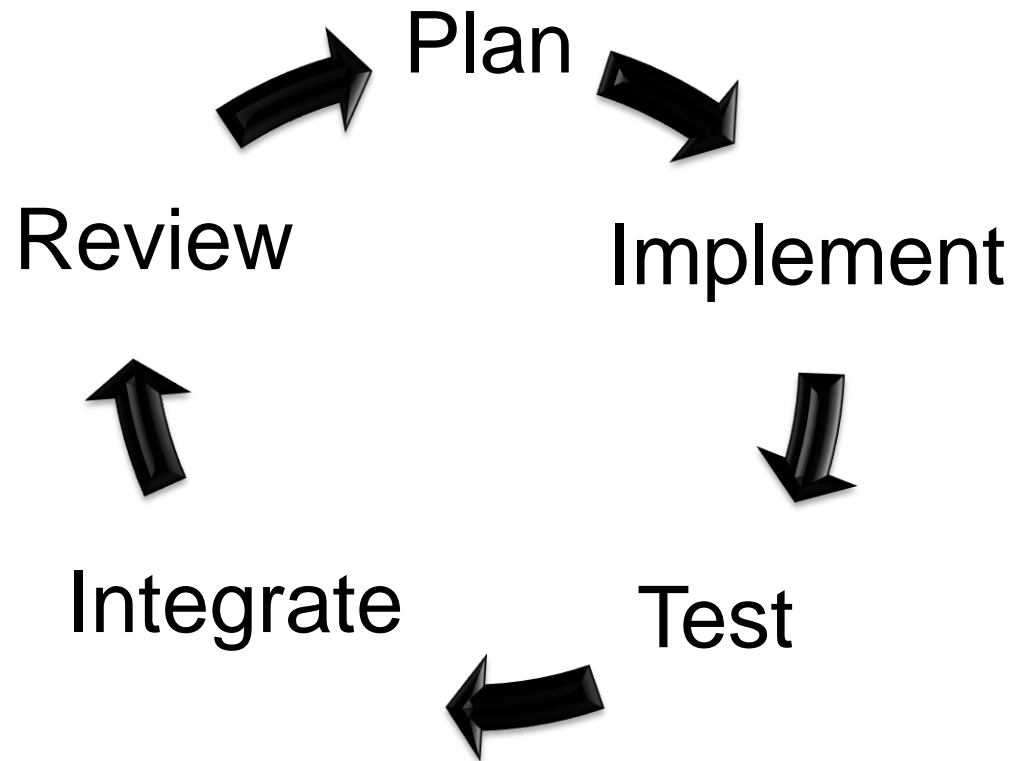
Milestone	General Project Status
Alpha	Slightly late
Beta	On time
Final product	On time

# Deliverables

- Week reports, MoM
- Presentations
- Project documentation
- Product documentation
- Testing documentation



# SCRUM model





# Team meetings

- Meetings with prof. Di Nitto
- Iteration planning meetings
- Daily SCRUM meetings



# Project Management Tools: Project Tracking

Google™  
Groups



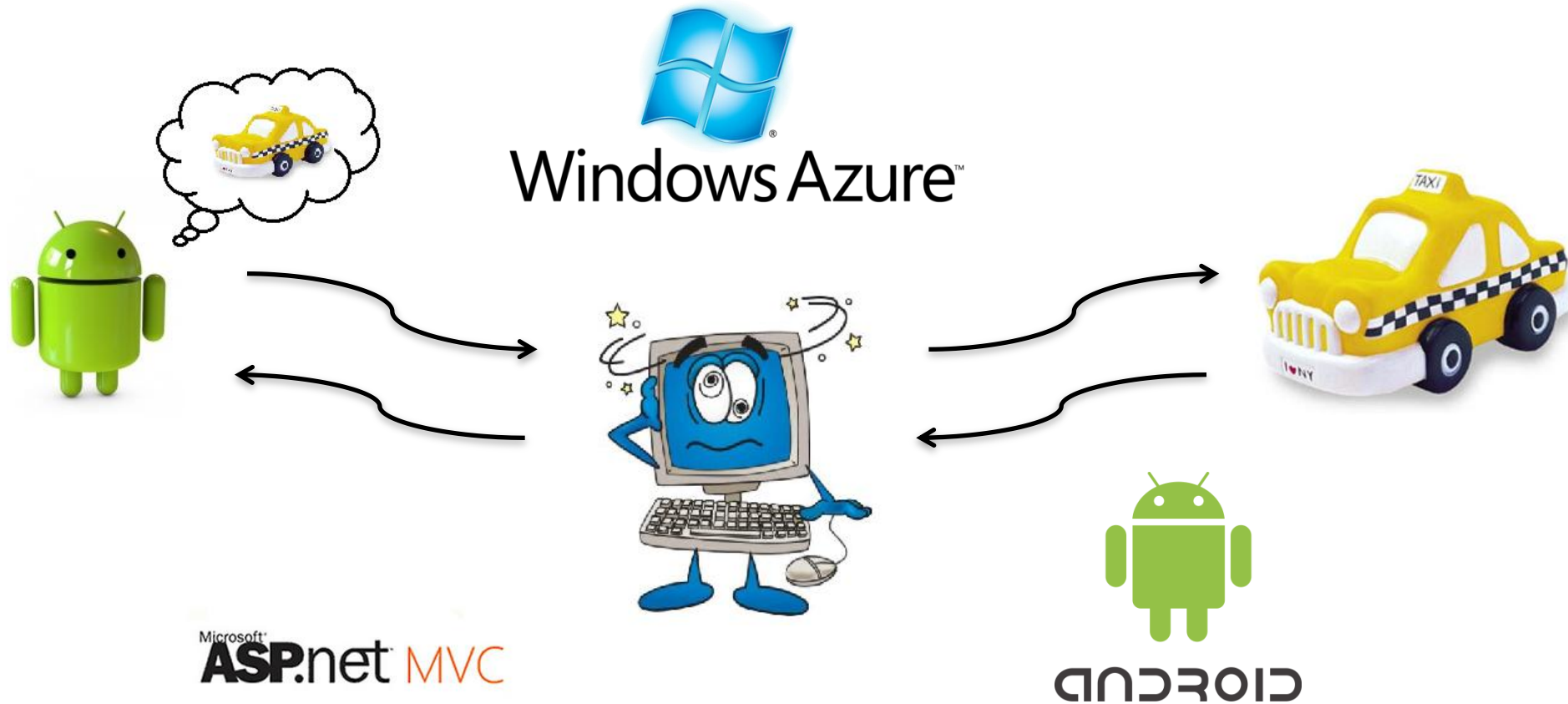
Trello

# Project Management Tools: Testing & QA

- Android: JUnit, Android Testing, Robotium, Mock Server
- .NET MVC: Team Test, Fiddler, Resharper
- Stress testing: Jmeter
- QA Team



# Architecture



# Requirements and Design

- Develop functional Taxi Service System
- USABILITY
- KISS



# Experiences - Planning

- Make a good plan
  - Adjust it to your team and stick to it
- Don't rush with the decisions
- Don't over-plan
  - Be more agile
  - Be ready for changes



# Experiences - Communication

- Be open
- Share your ideas
- Challenge other ideas
- Accept the teams choice
- Regular meetings – VOICE meetings

fabio.kruger



Igor Piljic



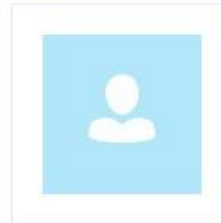
Jelena Jerat



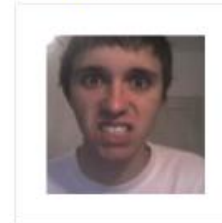
Karlo Zanki



Lyudmil Angelov



Marko Coha



Zangari Luca





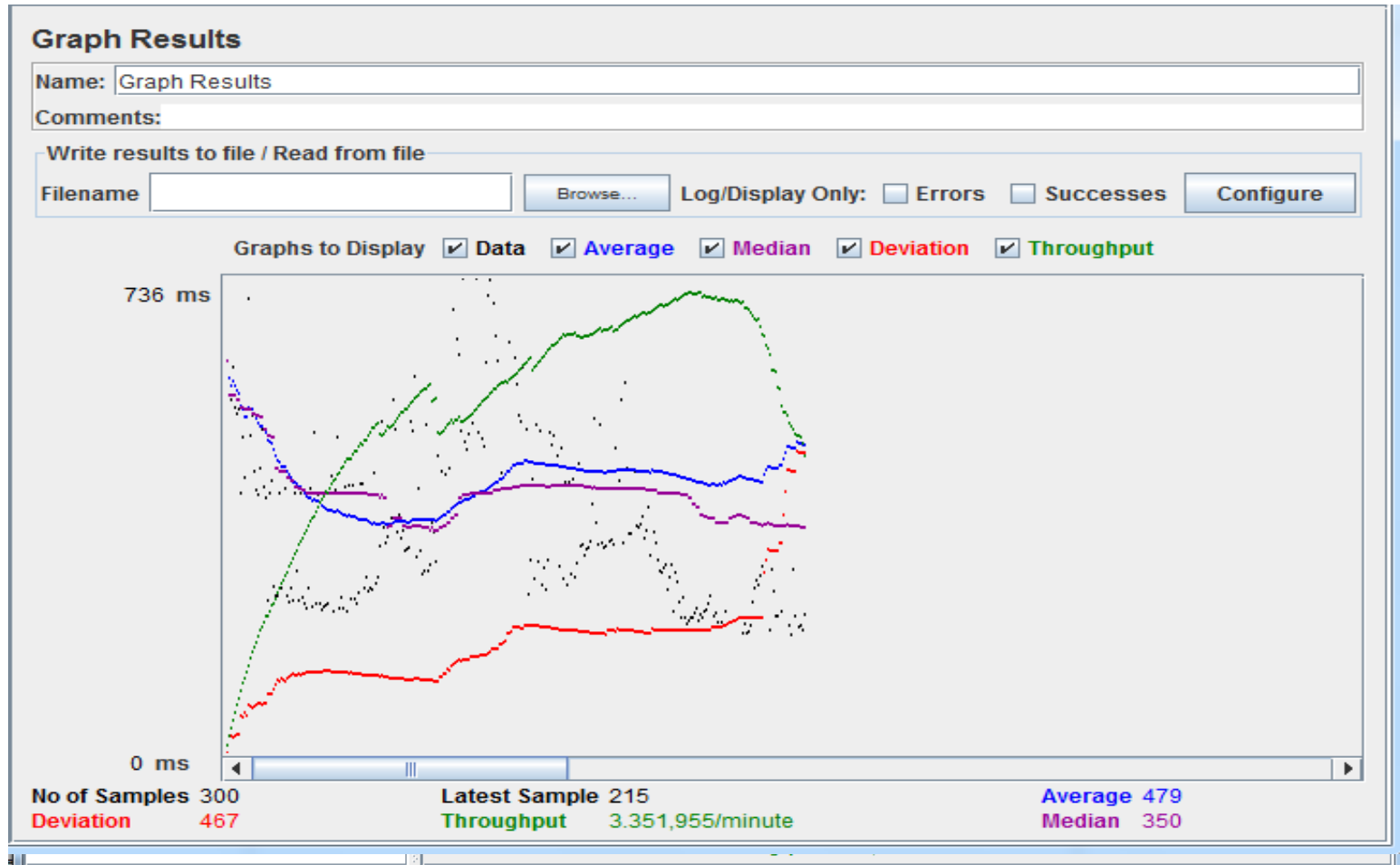
# Experiences – Work division

- 8 people group
  - Hard to divide tasks between people
- After you do your job, help others!

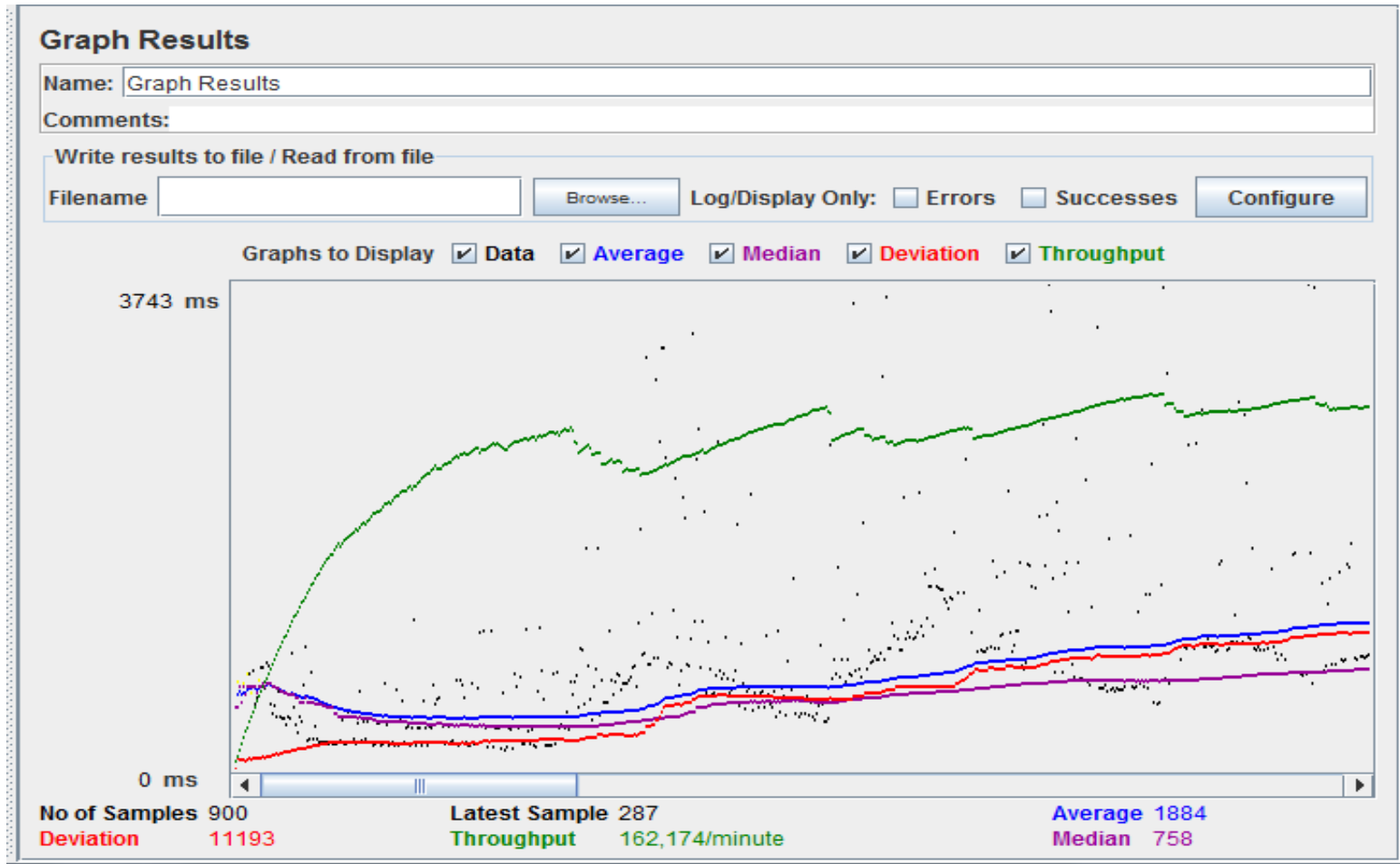




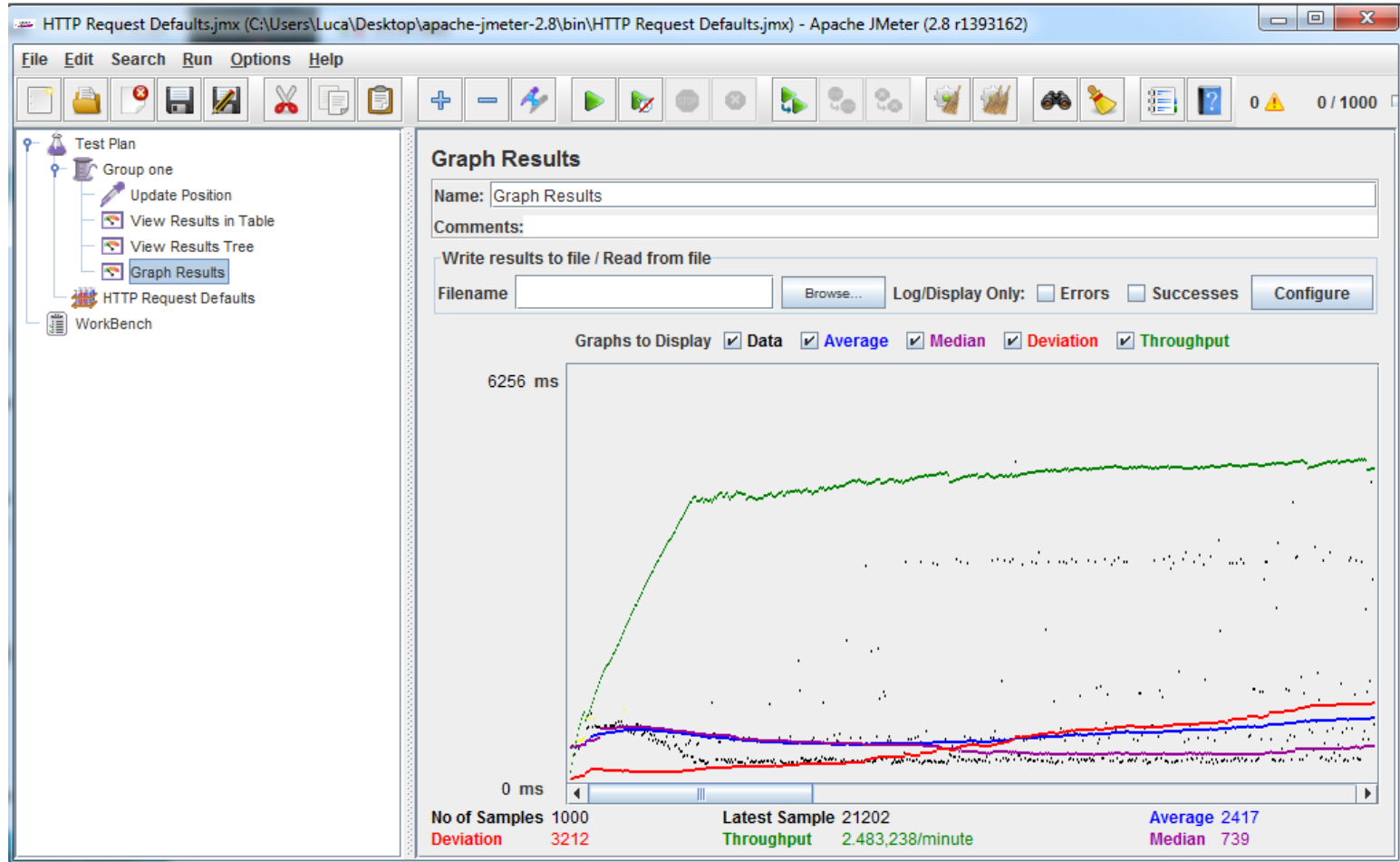
# Stress Test



# Stress Test #2

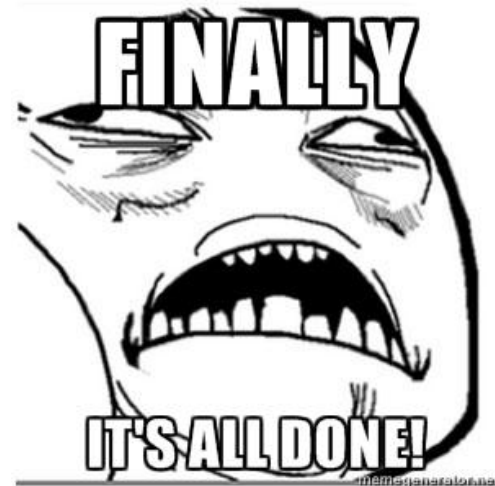


# Stress Test #3



# Next steps (would be...)

- Design the Customer Web Application
- Add extra features
  - Taxi sharing
  - Management application for administrators
  - Customer profiles, etc.



# Demo



# Questions

