



*Alpha Prototype Presentation*

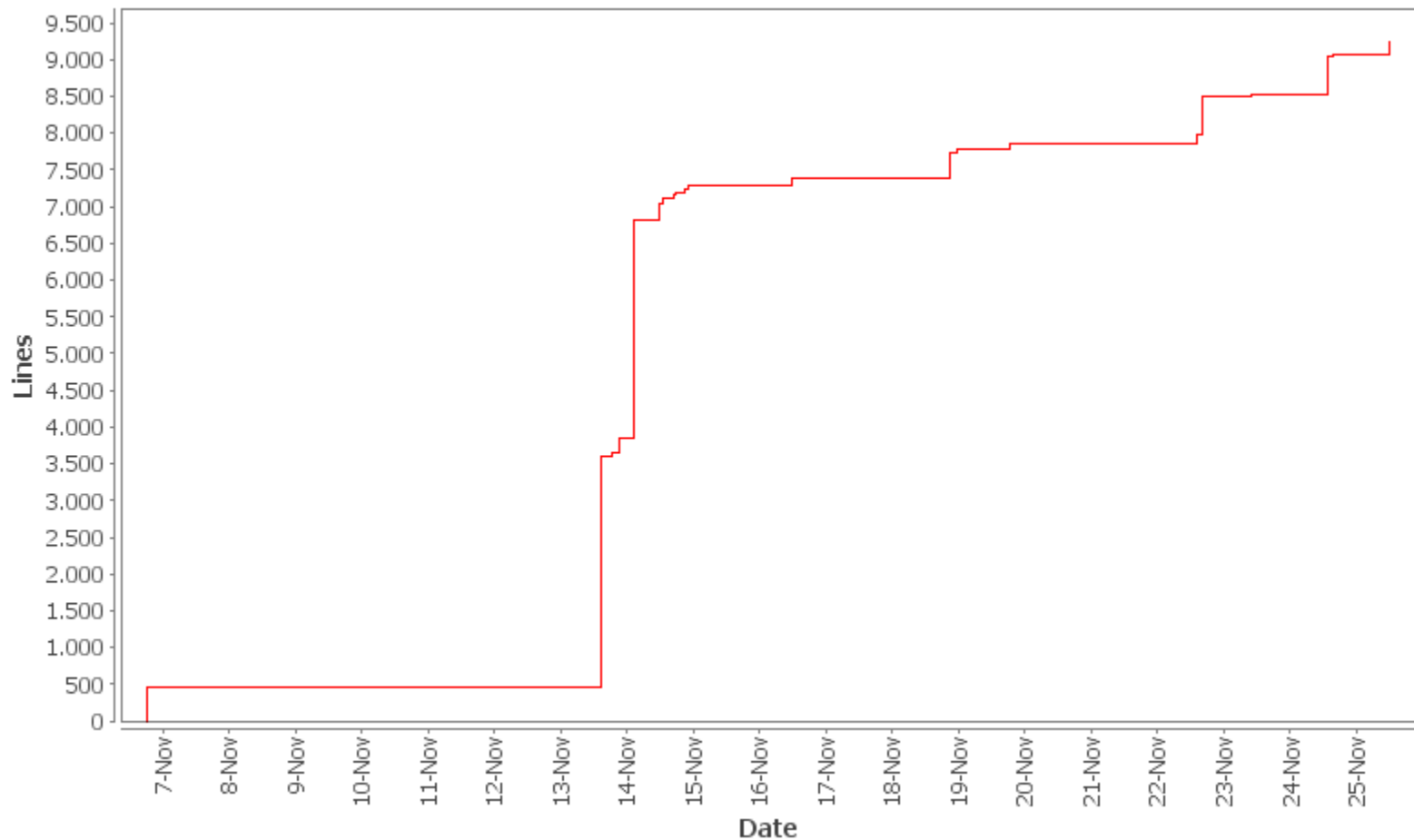
# Project schedule - current status

General project status	Fulfilment of next milestone
On track	Slightly behind

- Problems with Android app
- Problems with SVN access

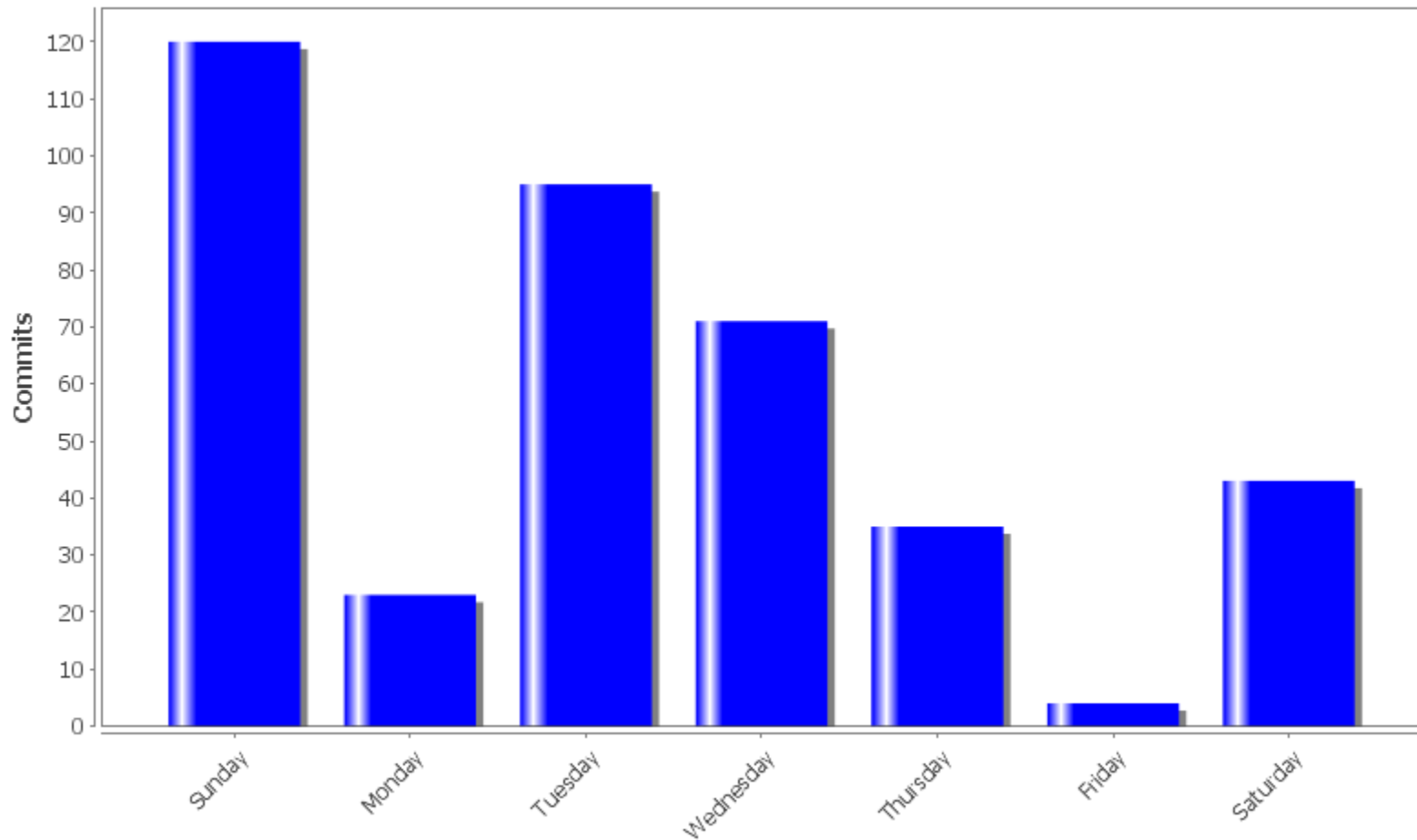
# Total lines of code by day

**/dsd12/CarsTalk/Code: Lines of Code**

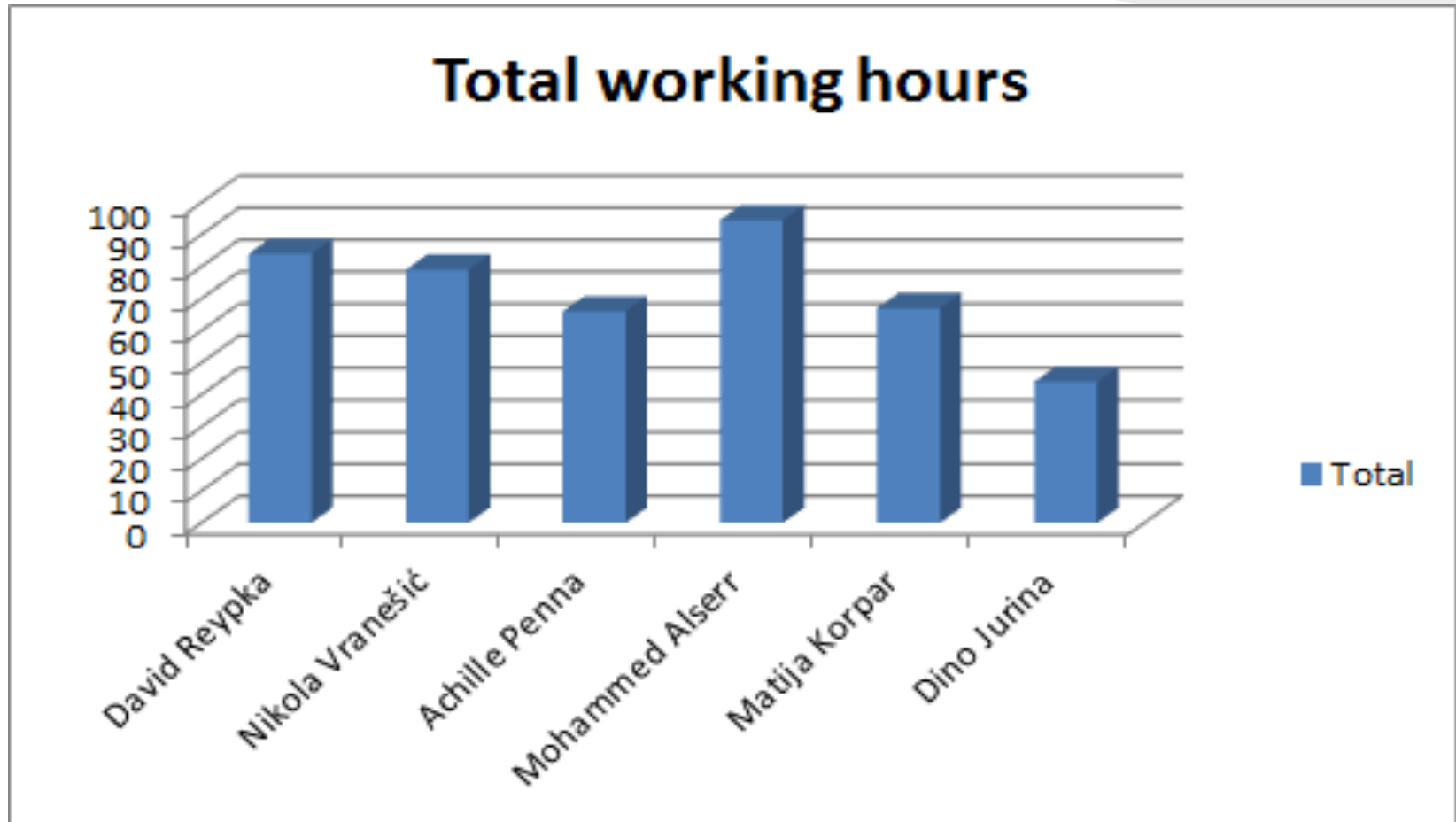


# Commits by week days

**/dsd12/CarsTalk/Code: Activity by Day of Week**



# Workload



# Important events

- no changes in requirements
- no changes in system design
- needed: increased focus on algorithm for gossip spreading
- documents underwent notable revisions due to clearer goals

# Process related info

## SCRUM

Priority	Task	Source	Point Value
1	Public data	Open Data Source	8
1	Traffic simulation	Desktop App - Traffic Simulator	30
2	Traffic movement visualization	Desktop App - GUI	8
1	Gossip creation	Desktop App - Internal Car Device	1
1	Message broadcasting via DSRC	Desktop App - Internal Car Device	2
1	DSRC simulation	Desktop App - DSRC Cloud	13
2	Gossip spreading visualization	Desktop App - GUI	8
1	Message reception via DSRC	Desktop App - Internal Car Device	3
2	Message filtering	Desktop App - Internal Car Device	5

# Process related info

## SCRUM

Priority	Task	Source	Point Value
3	Message exchange via BT	Desktop App / Android App	8
3	Traffic visualization	Android App - GUI	13
3	Alert creation	Android App	1
4	Message exchange via HTTP(S)	Android App / Web Server	5
4	Store traffic data	Web Server - DB	21
4	Alert validation	Web Server	3
5	Web services	Web Server	21
5	Requesting web service usage via HTTP(S)	Web App	8



# Other experiences

## GOOD:

- Learning new technologies
- Distributed environment
- No noticeable cultural clashes

## BAD:

- Not everyone involved in development process
- Exam week
- Troubles with integration due to undefined work distribution
- Hard to test due to rapid changes in code fundament

# Project management tools

Currently using:

- Unit testing: **JUnit**

Currently evaluating for possible use:

- Continuous integration:
- Project management:



To be used in next steps:

- Code coverage tool

# SCORE specifics



- registred for SCORE
- messages stored on a public database
- using publicly available swiss database

# Demo

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THE END

*Questions ?*