Politechnika Wrocławska

SOFTWARE PROJECT IN MANAGEMENT

2019/2020

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Classification of IT tools. Functionality of project management tools

IT TOOLS

- IT project management is closely related to the use of IT tools that support this process.

- It is worth remembering that the tools should help in managing the project, and not interfere with its implementation, so you should choose them wisely.

CLASSIFICATION OF IT TOOLS

Classic approach

- MS Project

- GanttProject

- Primavera

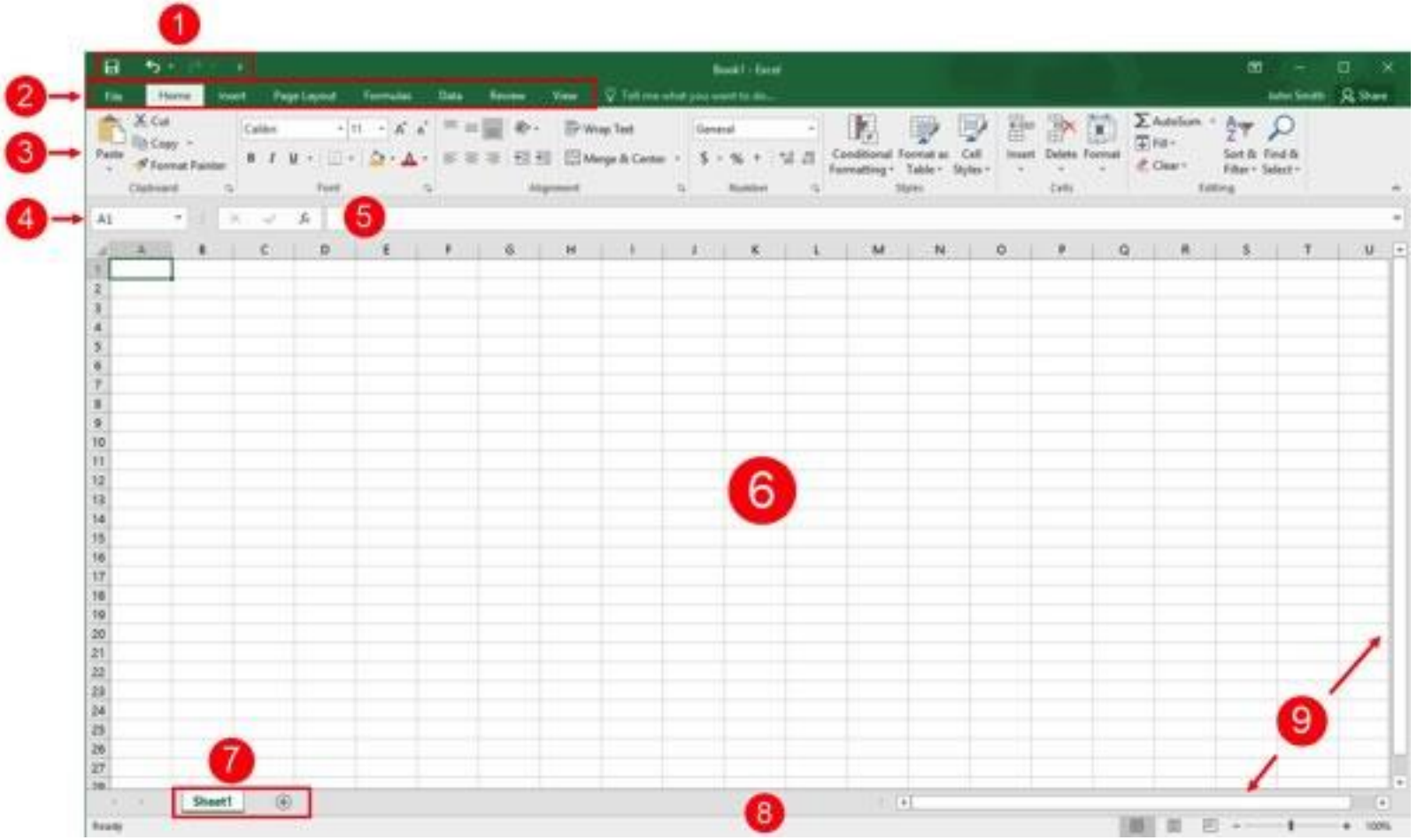
Agile approach

- Jira,

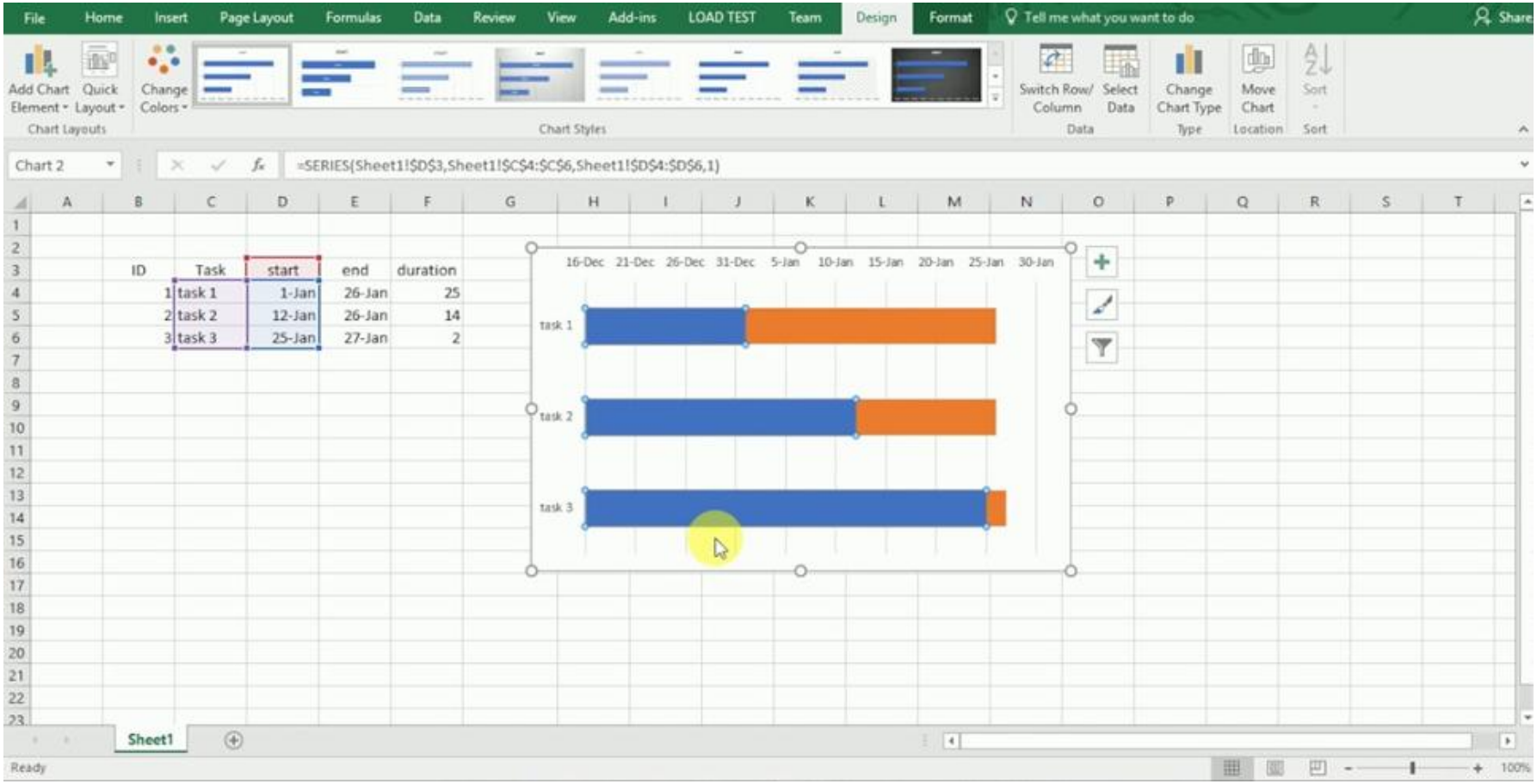
- Trello,

- KanbanTool

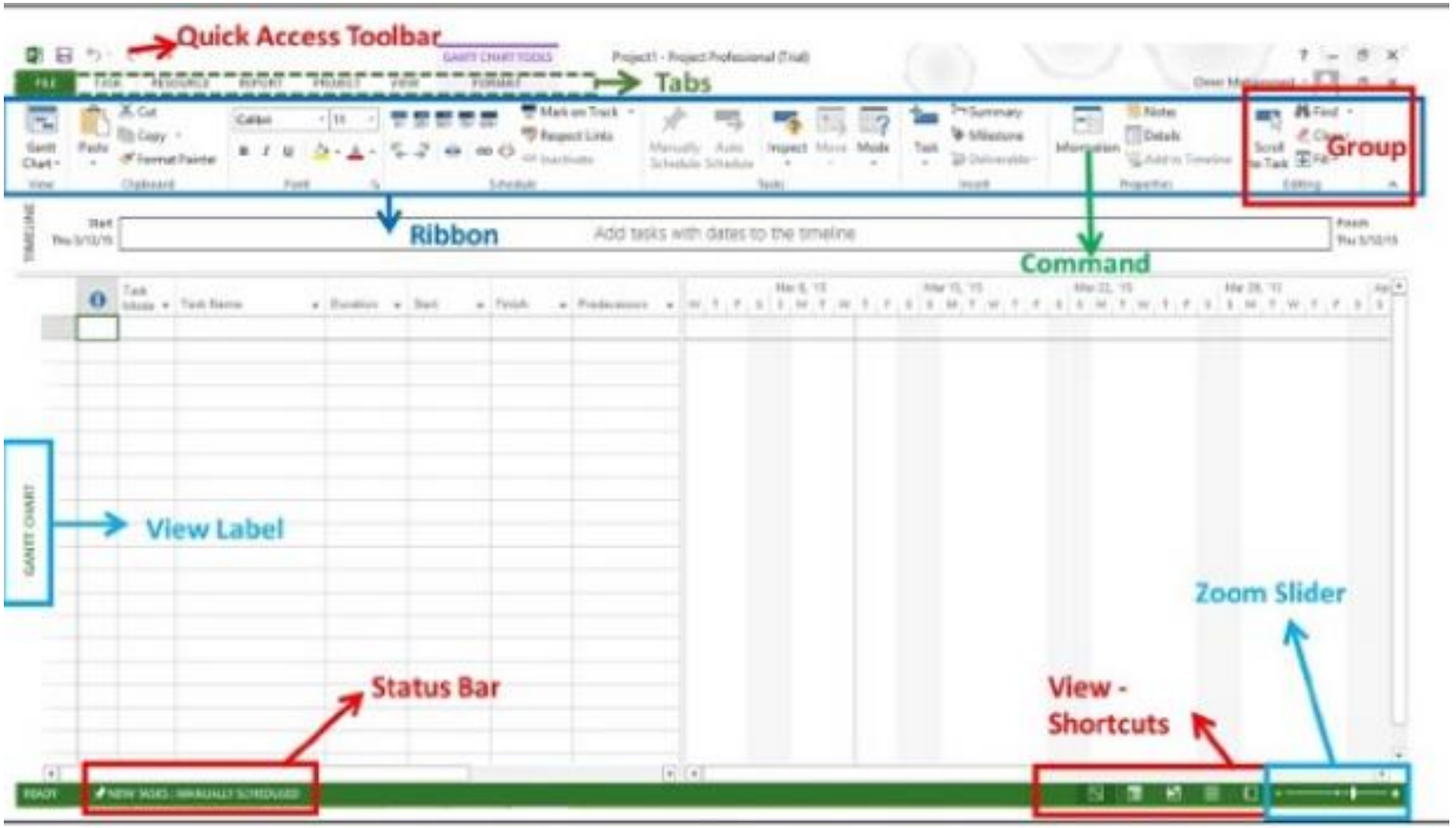
MS EXEL



MS EXEL

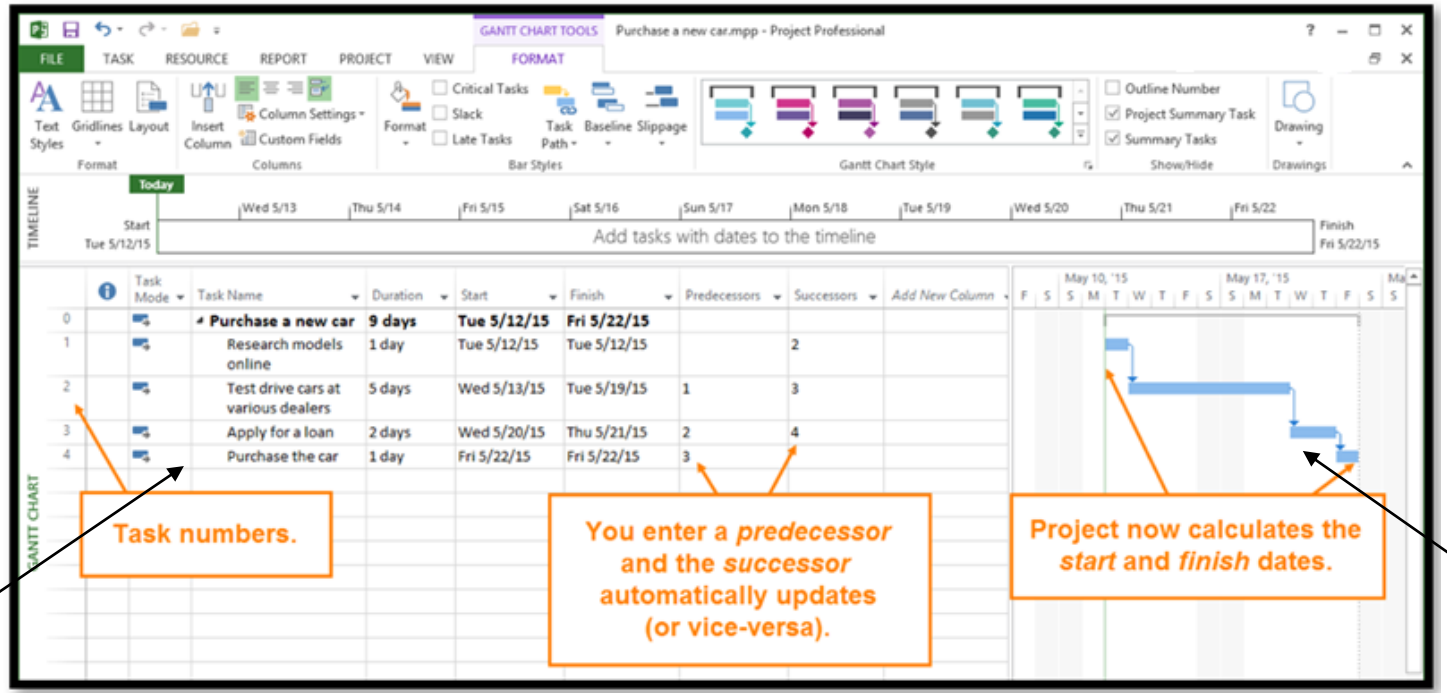

File Home Insert Page Layout Formulas Data Review View Add-ins LOAD TEST Team Design Format Tell me what you want to do
Add Chart Element
Quick Layout
Change Colors
Chart Layouts
Chart Styles
Switch Row/ Column
Select Data
Change Chart Type
Move Chart
Data
Type
Location
Sort
Chart 2
=SERIES(Sheet1!$D$3,Sheet1!$C$4:$C$6,Sheet1!$D$4:$D$6,1)
ID Task start end duration
1 task 1 1-Jan 26-Jan 25
2 task 2 12-Jan 26-Jan 14
3 task 3 25-Jan 27-Jan 2
16-Dec 21-Dec 26-Dec 31-Dec 5-Jan 10-Jan 15-Jan 20-Jan 25-Jan 30-Jan
task 1
task 2
task 3
Sheet1
Ready

MS PROJECT


Quick Access Toolbar
Tabs
Group
Ribbon
Add tasks with dates to the timeline
Command
View Label
Zoom Slider
Status Bar
View -
Shortcuts

MS PROJECT

WBS, GANTT CHART



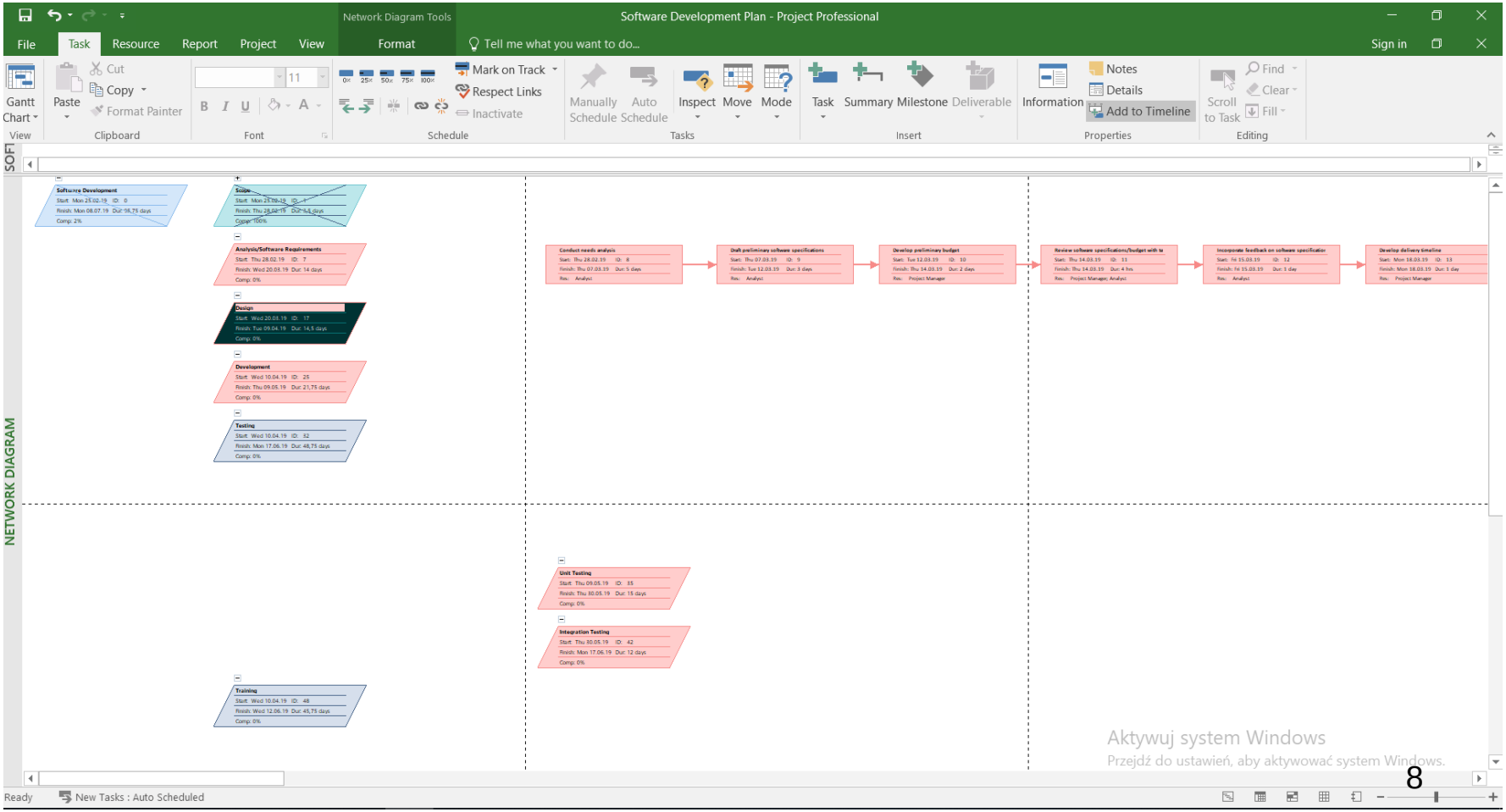
	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Successors
0		**Purchase a new car**	**9 days**	**Tue 5/12/15**	**Fri 5/22/15**		
1		Research models online	1 day	Tue 5/12/15	Tue 5/12/15		2
2		Test drive cars at various dealers	5 days	Wed 5/13/15	Tue 5/19/15	1	3
3		Apply for a loan	2 days	Wed 5/20/15	Thu 5/21/15	2	4
4		Purchase the car	1 day	Fri 5/22/15	Fri 5/22/15	3	

WBS

Gantt chart

MS PROJECT

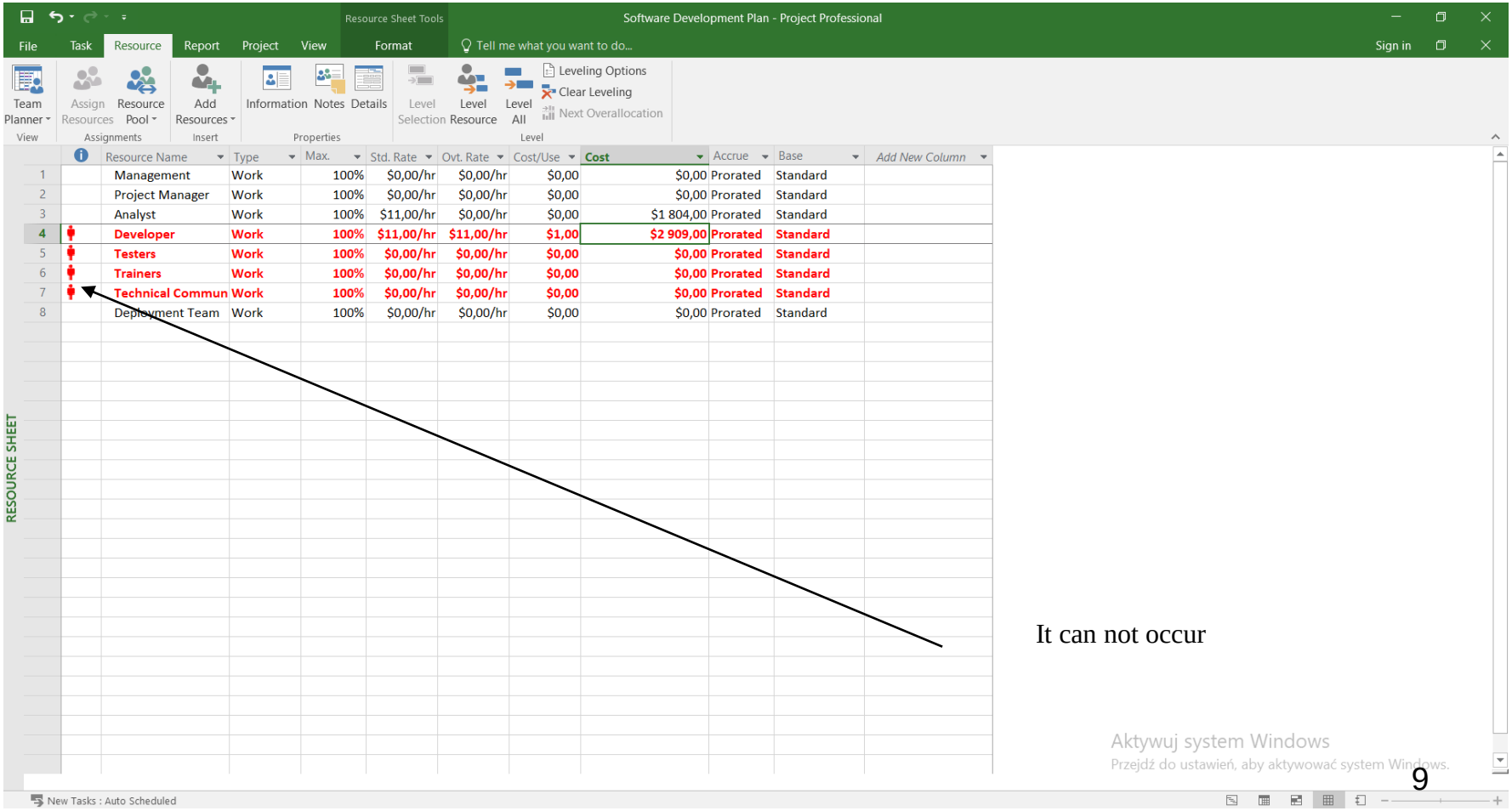
NETWORK DIAGRAM



Aktywuj system Windows
Przejdź do ustawień, aby aktywować system Windows.

MS PROJECT

ALLOCATION OF RESOURCES TO TASKS



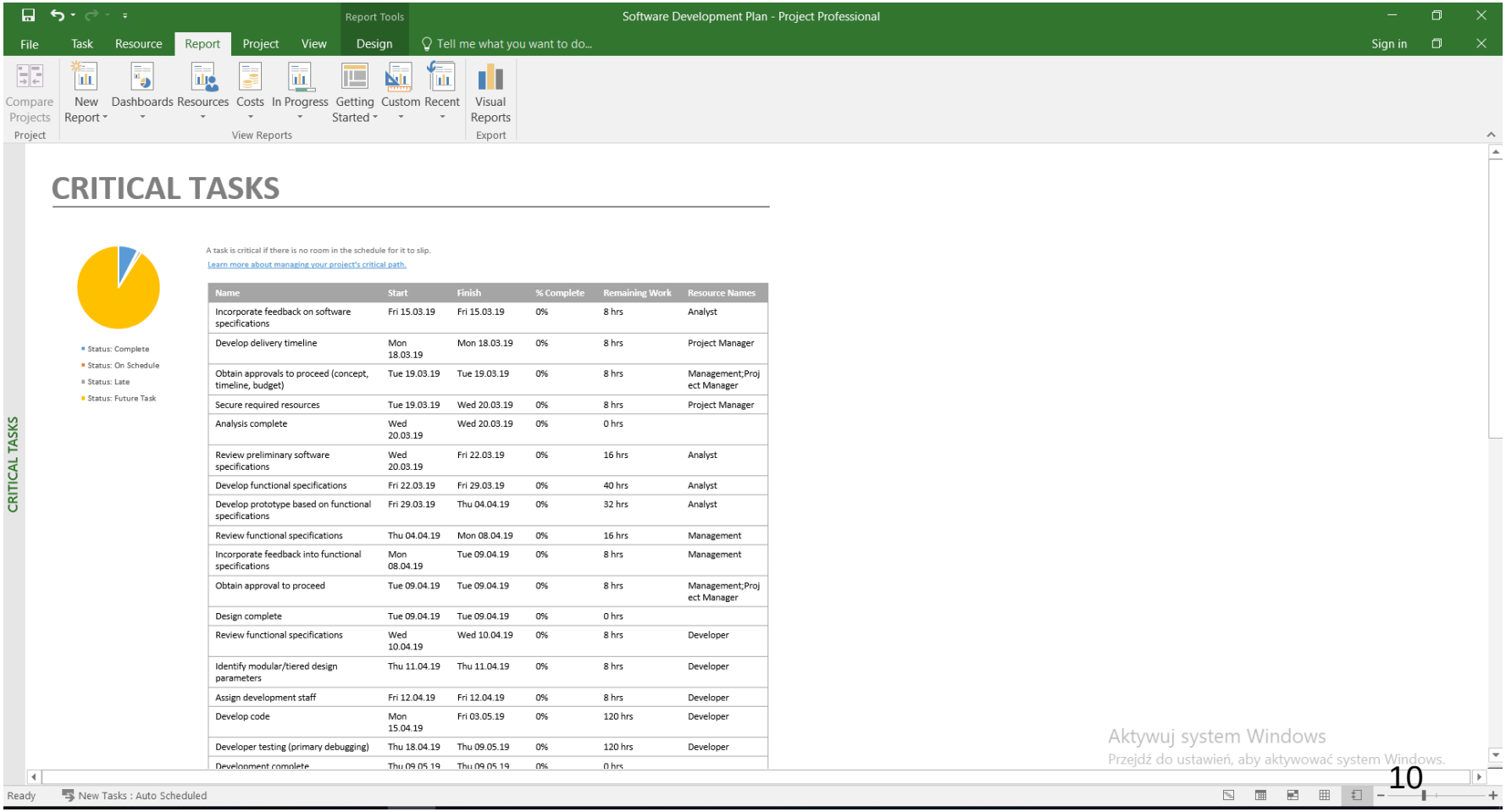
	Resource Name	Type	Max.	Std. Rate	Ovt. Rate	Cost/Use	Cost	Accrue	Base	Add New Column
1	Management	Work	100%	$0,00/hr	$0,00/hr	$0,00	$0,00	Prorated	Standard	
2	Project Manager	Work	100%	$0,00/hr	$0,00/hr	$0,00	$0,00	Prorated	Standard	
3	Analyst	Work	100%	$11,00/hr	$0,00/hr	$0,00	$1 804,00	Prorated	Standard	
4	Developer	Work	100%	$11,00/hr	$11,00/hr	$1,00	$2 909,00	Prorated	Standard	
5	Testers	Work	100%	$0,00/hr	$0,00/hr	$0,00	$0,00	Prorated	Standard	
6	Trainers	Work	100%	$0,00/hr	$0,00/hr	$0,00	$0,00	Prorated	Standard	
7	Technical Commun	Work	100%	$0,00/hr	$0,00/hr	$0,00	$0,00	Prorated	Standard	
8	Deployment Team	Work	100%	$0,00/hr	$0,00/hr	$0,00	$0,00	Prorated	Standard	

It can not occur

Aktywuj system Windows
Przejdź do ustawień, aby aktywować system Windows.

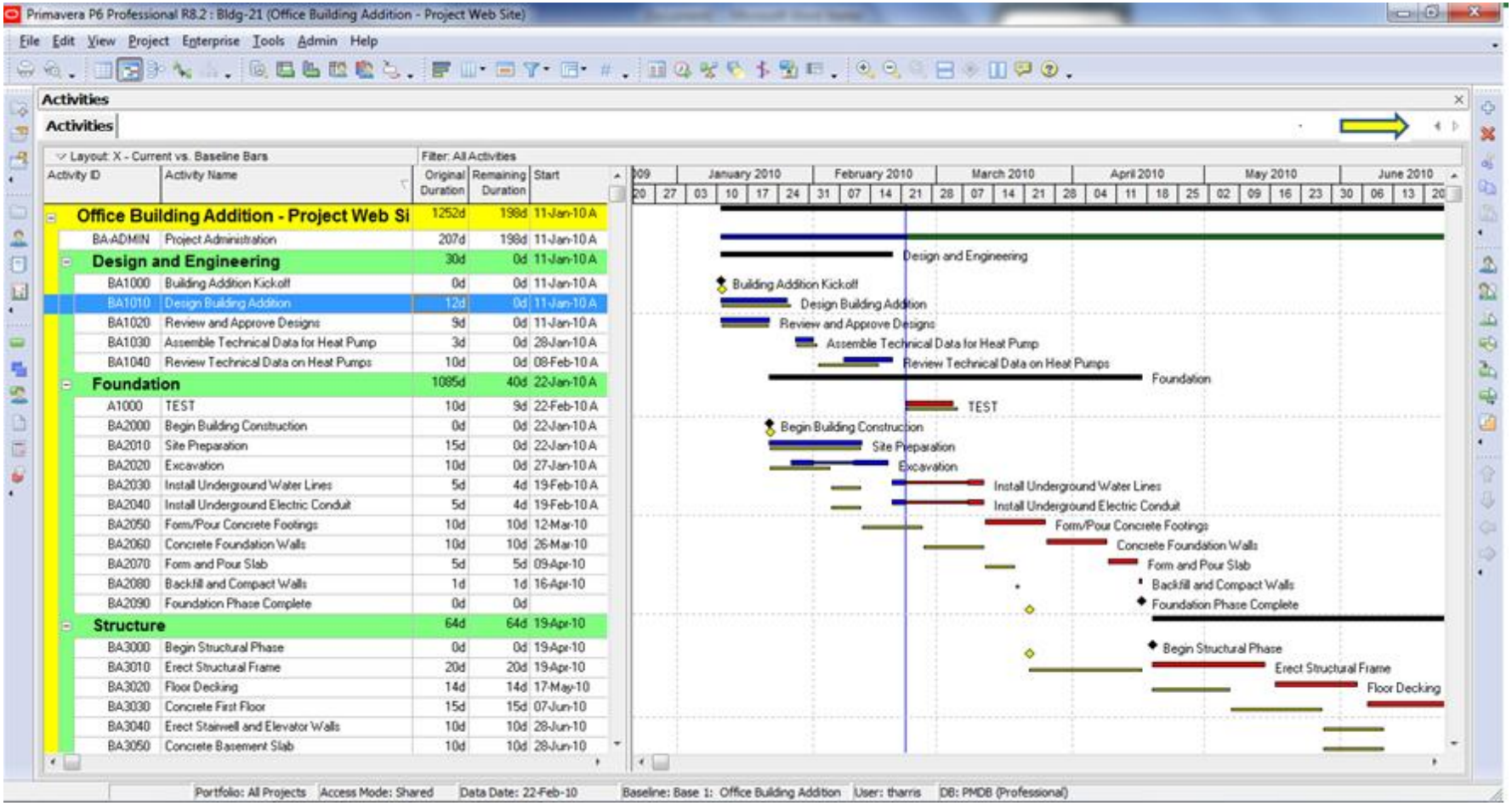
MS PROJECT

CRITICAL PATH

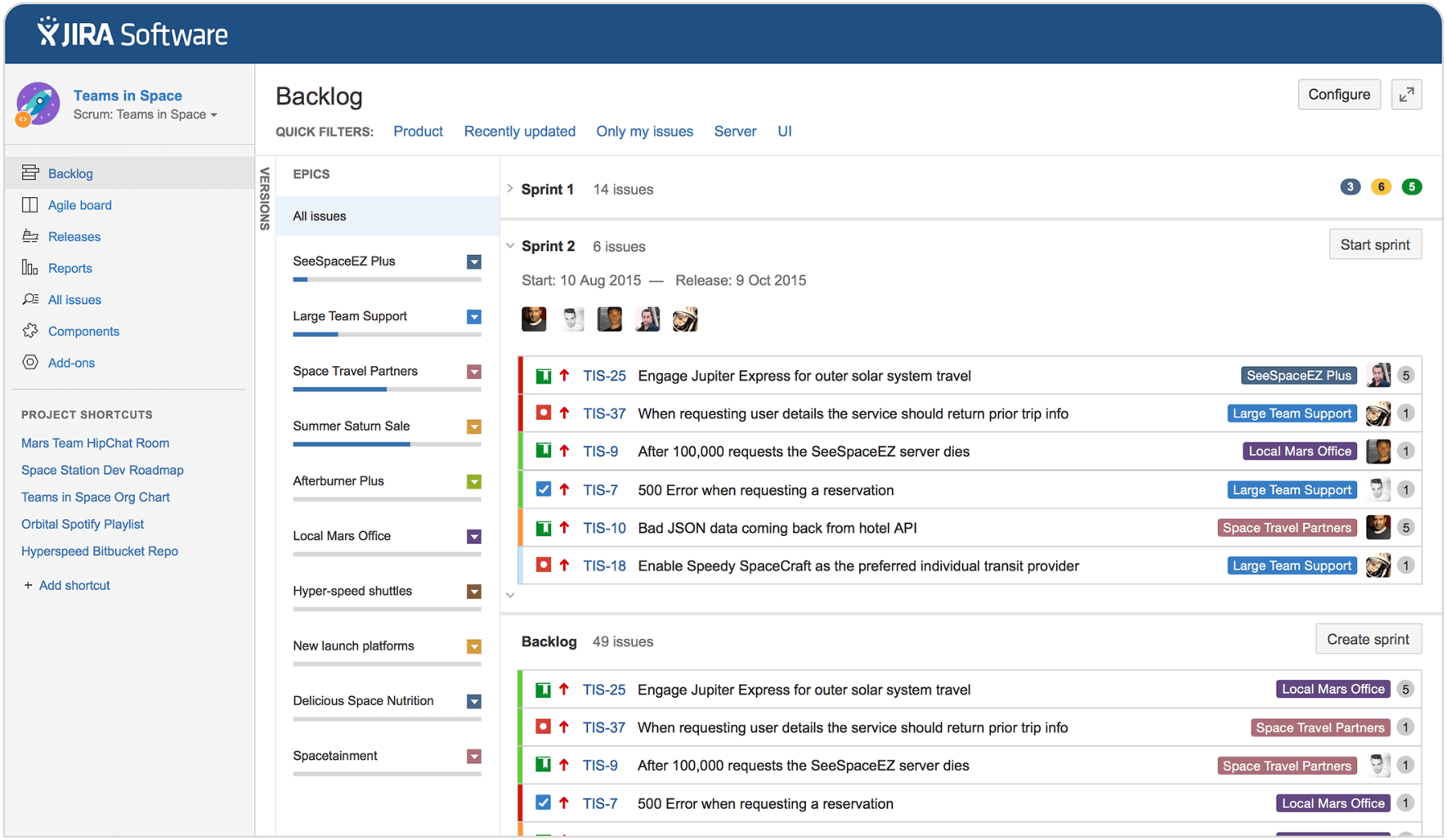


ORACLE PRIMAVERA

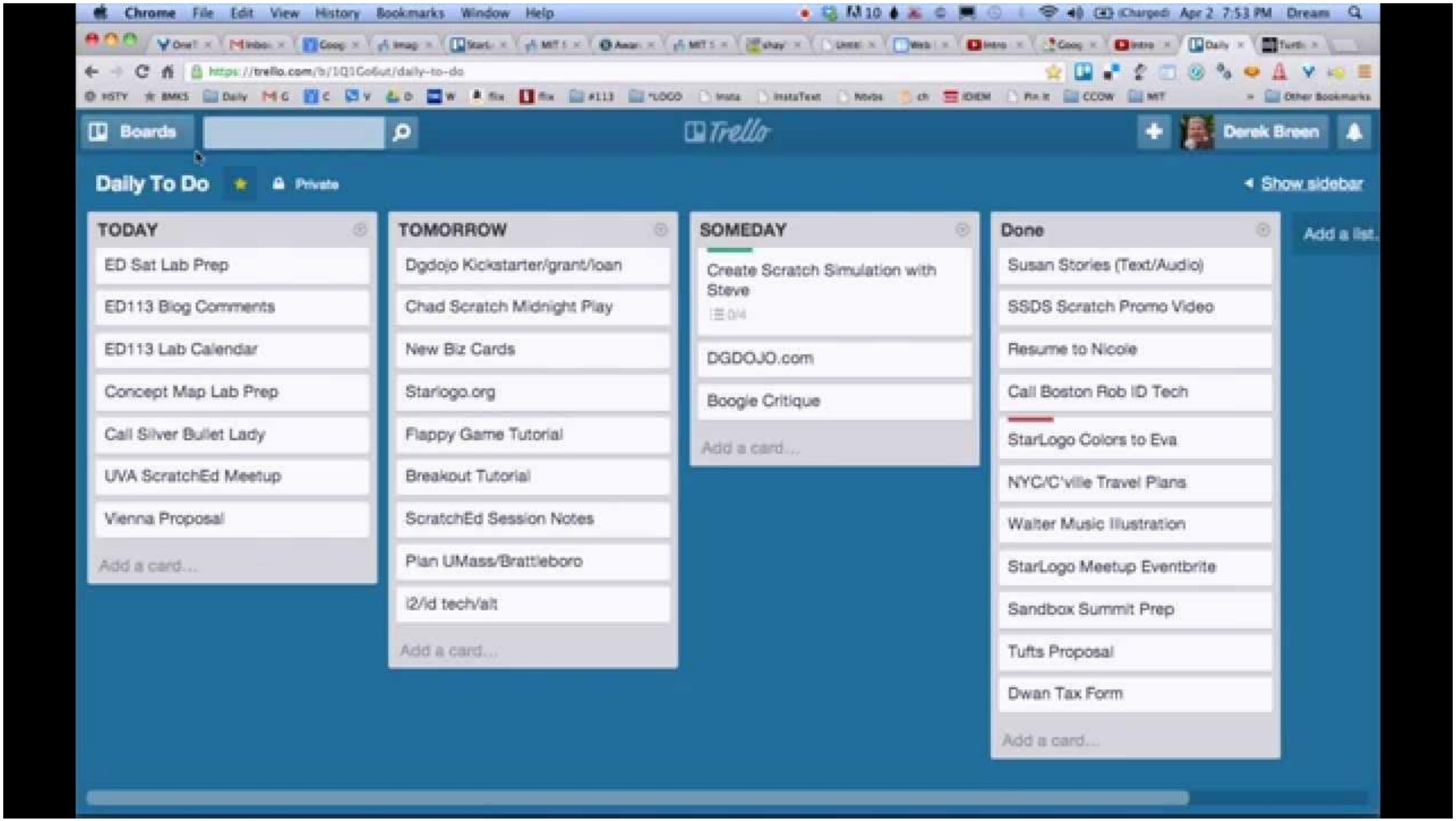
WBS, GANTT CHART



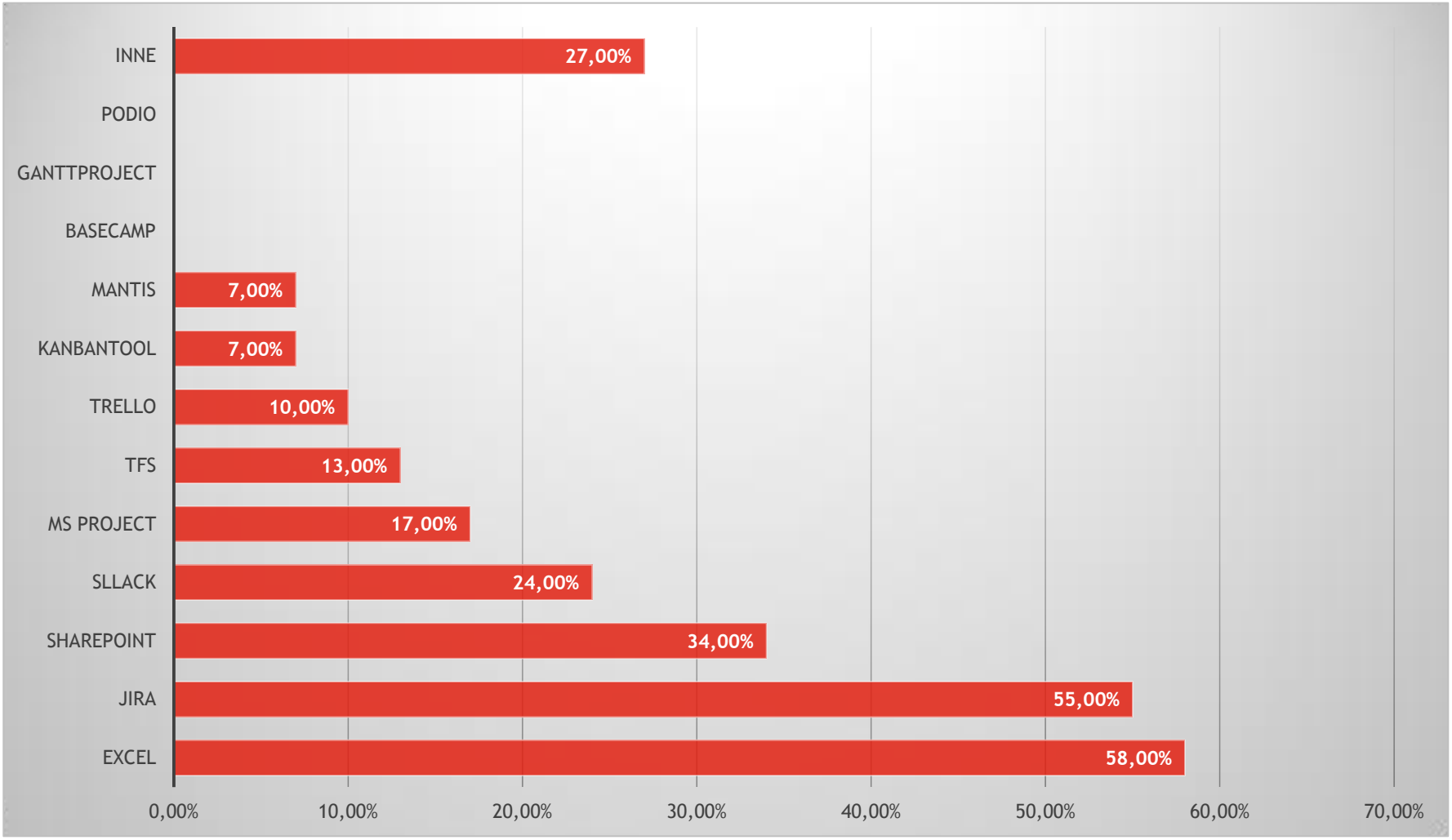
JIRA


JIRA Software
Teams in Space
Scrum: Teams in Space
Backlog
Agile board
Releases
Reports
All issues
Components
Add-ons
PROJECT SHORTCUTS
Mars Team HipChat Room
Space Station Dev Roadmap
Teams in Space Org Chart
Orbital Spotify Playlist
Hyperspeed Bitbucket Repo
+ Add shortcut
Backlog
Configure
QUICK FILTERS: Product Recently updated Only my issues Server UI
VERSIONS
EPICS
All issues
SeeSpaceEZ Plus
Large Team Support
Space Travel Partners
Summer Saturn Sale
Afterburner Plus
Local Mars Office
Hyper-speed shuttles
New launch platforms
Delicious Space Nutrition
Spacetainment
Sprint 1 14 issues
Sprint 2 6 issues
Start sprint
Start: 10 Aug 2015 — Release: 9 Oct 2015
TIS-25 Engage Jupiter Express for outer solar system travel SeeSpaceEZ Plus
TIS-37 When requesting user details the service should return prior trip info Large Team Support
TIS-9 After 100,000 requests the SeeSpaceEZ server dies Local Mars Office
TIS-7 500 Error when requesting a reservation Large Team Support
TIS-10 Bad JSON data coming back from hotel API Space Travel Partners
TIS-18 Enable Speedy SpaceCraft as the preferred individual transit provider Large Team Support
Backlog 49 issues
Create sprint
TIS-25 Engage Jupiter Express for outer solar system travel Local Mars Office
TIS-37 When requesting user details the service should return prior trip info Space Travel Partners
TIS-9 After 100,000 requests the SeeSpaceEZ server dies Space Travel Partners
TIS-7 500 Error when requesting a reservation Local Mars Office

TRELLO


Boards
Trello
Derek Breen
Daily To Do
Private
Show sidebar
TODAY
ED Sat Lab Prep
ED113 Blog Comments
ED113 Lab Calendar
Concept Map Lab Prep
Call Silver Bullet Lady
UVA ScratchEd Meetup
Vienna Proposal
Add a card...
TOMORROW
Dgdojo Kickstarter/grant/loan
Chad Scratch Midnight Play
New Biz Cards
Starlogo.org
Flappy Game Tutorial
Breakout Tutorial
ScratchEd Session Notes
Plan UMass/Brattleboro
i2/id tech/alt
Add a card...
SOMEDAY
Create Scratch Simulation with Steve
DGDOJO.com
Boogie Critique
Add a card...
Done
Susan Stories (Text/Audio)
SSDS Scratch Promo Video
Resume to Nicole
Call Boston Rob ID Tech
StarLogo Colors to Eva
NYC/C'ville Travel Plans
Walter Music Illustration
StarLogo Meetup Eventbrite
Sandbox Summit Prep
Tufts Proposal
Dwan Tax Form
Add a card...
Add a list...

THE POPULARITY OF TOOLS USED IN IT PROJECT MANAGEMENT



Krysiak, Głowania, 2017, s.93.