

# Uvod u softversko inženjerstvo

Ciljevi, planiranje  
i prateći alati

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Definisanje ciljeva

Definisanje misije

Planiranje posla

Kontrola rada

Ciljevi, planiranje  
i prateći alati

Cilj

vs

Zadatak

vs

Misija

# Kako definišemo dobre ciljeve?

## Specific

Želim da budem bogat

Želim da zarađujem 5k € mesečno

## Measurable

Želim da budem stručan inženjer

2 *open-source*, 3 godine u praksi, 15 knjiga

## Attainable / Ambitious

Želim da prodam 10 licenci dnevno

Želim da podignem broj aktivnih korisnika za 10%

## Relevant

Želim da implementiram *feature X*. Zašto?

Klijent / Bolji dizajn / Sticanje ekspertize

## Time-bound

Želim da pasivno zarađujem 1k € mesečno

Do 2027.

# Kako definišemo dobre ciljeve?

Zadaci?

Specific

Želim da prođem 2 *Coursera* kursa:

- Algoritmi, Osnove mašinskog učenja

Measurable

Želim da krenem da radim do kraja 2. godine za bar 500€ platu.

Attainable / Ambitious

Želim da implementiram *feature X* do kraja nedelje.

Relevant

Time-bound

Želim da ulažem u svoje znanje 10 sati nedeljno van fakulteta do kraja godine.





*1 board za  
1 projekat*

*liste kartica  
grupašu  
slične stavke*

*card je cilj,  
zadatak,  
teza, link...*

*plagini  
sve čine  
moćnijim*

*kartica ima  
rok, izvršioce,  
labele, opis...*



**Trello**

Project and task  
management



## Agile Development Template: ...

Move fast without losing sight by adopting an agile workflow that gives your team perspective during any project management situation.

Keep all code, specs, and plans easily accessible in one location for more organized product development.

Collaborate seamlessly with engineers, product and scrum masters.

Manage and prioritize the product backlog with stakeholders and product managers.

Easily share what's shipped and what's up next with stakeholders.

Copy or create a board li

repozitorijum  
ideja i resursa

## Backlog ...

Meta Verified on branch  
Bugs Blocked Regression  
Product Owner: Brian

(3) Pre-load card attachments  
1

(8) renderable CardDetailView

(21) New Android Design  
4

`index.en-GB`  
Menu icon

Blocked

+ Add another card

razlaganje  
velikih ciljeva na  
merljive zadatke

## In Progress ...

(5) EditableFieldView  
Menu icon

Blocked  
(21) Update CSS  
8

(1) Attach URLs from comment  
Menu icon 2

(1) Show collection helper text in  
collections menu  
Menu icon 1

Verified on branch  
(3) Plugins  
1

+ Add another card

organizacija  
posla sa  
više ljudi

## 8.9.17 Sprint - Complete ...

Bugs  
(8) Let the  
name wh  
URL  
Menu icon 6

(3) plugins.  
Menu icon 3

Verified on staging  
(1) Decouple board page list CSS  
Menu icon 2

Verified on staging  
(2) Restructure KnownUrls  
Menu icon 3

(3) Plugin enable/disable actions  
Menu icon 3

Verified on staging  
(8) New Diagnostics

+ Add another card

praćenje  
postignutih  
rezultata







*Tesla: “To accelerate the world’s transition to sustainable energy.”*

*LinkedIn: “To connect the world’s professionals to make them more productive and successful.”*

*PayPal: “To build the web’s most convenient, secure, cost-effective payment solution.”*

*Patagonia: “Build the best product, cause no unnecessary harm, use business to inspire and implement solutions to the environmental crisis.”*



*šta čini dobrog  
zaposlenog?*

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THE **7** HABITS OF  
HIGHLY  
EFFECTIVE  
PEOPLE

Stephen R. Covey

UPDATED WITH FRESH INSIGHTS BY  
**SEAN COVEY**  
NEW YORK TIMES BESTSELLING AUTHOR

READ BY  
STEPHEN R. COVEY  
WITH  
SEAN COVEY

FOREWORD BY JIM COLLINS  
AUTHOR OF *GOOD TO GREAT* AND COAUTHOR OF *BUILT TO LAST*



## #2 Vizija kraja

Kakvog je  
bio karaktera?

Gde je  
ulagao vreme?

Šta želiš da  
su odgovori?

Kakav je  
bio čovek?

Kako je svet  
bolje mesto?





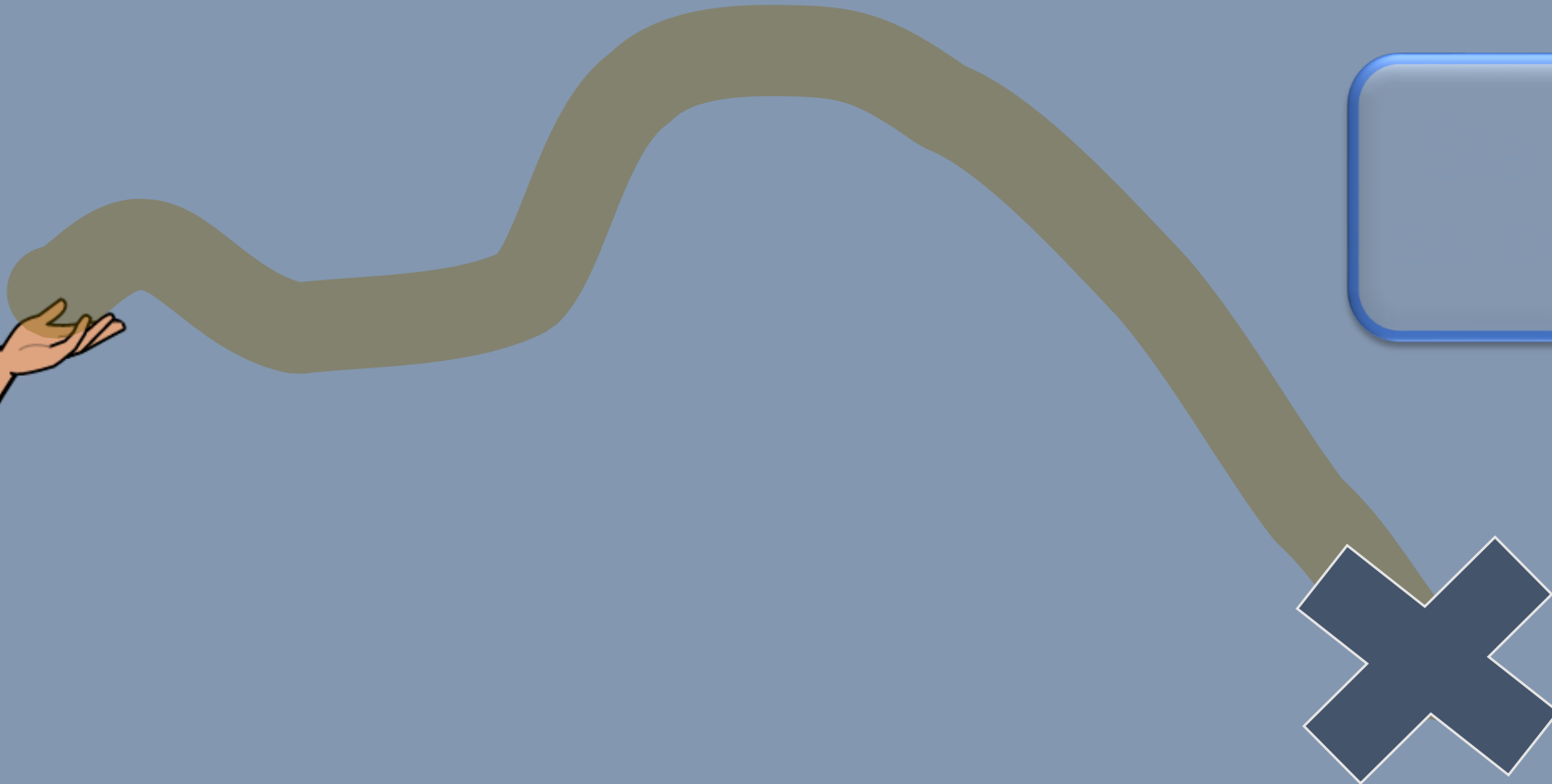
## #2 Vizija kraja



Šta želiš da  
su odgovori?



## #2 Vizija kraja





## #2 Vizija kraja







## #2 Vizija kraja





## #2 Vizija kraja

*Mission  
statement*

Kakav je  
bio čovek?

Šta želiš da  
su odgovori?

Kako je svet  
bolje mesto?



## #2 Vizija kraja

Succeed at home first.

Never compromise with honesty.

Remember the people involved.

Hear both sides before judging.

Obtain counsel of others.

Develop a new proficiency a year.

Plan tomorrow's work today.

Do not fear mistakes, but absence of creative and corrective responses.

Facilitate success of subordinates.

Kakav je  
bio čovek?

Šta želiš da  
su odgovori?

Kako je svet  
bolje mesto?





## #2 Vizija kraja

Work towards  
unlocking human potential  
and flooding the world with  
principle-centered leadership.

Kakav je  
bio čovek?

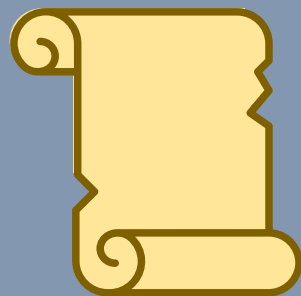
Šta želiš da  
su odgovori?

Kako je svet  
bolje mesto?



## #2 Vizija kraja

Šta je stvarno bitno?  
Zašto radim ovo?  
Koje su mi potrebe?



### CONNECTION

acceptance  
affection  
appreciation  
belonging  
cooperation  
communication  
closeness  
community  
companionship  
compassion  
consideration  
consistency  
empathy  
inclusion  
intimacy  
love  
mutuality  
nurturing  
respect/self-respect

### CONNECTION

**continued**  
safety  
security  
stability  
support  
to know and be known  
to see and be seen  
to understand and  
be understood  
trust  
warmth

### PHYSICAL WELL- BEING

air  
food  
movement/exercise  
rest/sleep  
sexual expression  
safety  
shelter  
touch

### HONESTY

authenticity  
integrity  
presence

### PLAY

joy  
humor

### PEACE

beauty  
communion  
ease  
equality  
harmony  
inspiration  
order

### AUTONOMY

choice  
freedom  
independence  
space  
spontaneity

### MEANING

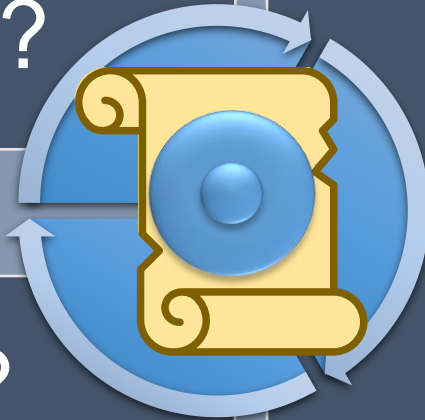
awareness  
celebration of  
life  
challenge  
clarity  
competence  
consciousness  
contribution  
creativity  
discovery  
efficacy  
effectiveness  
growth  
hope  
learning  
mourning  
participation  
purpose  
self-  
expression  
stimulation



## #2 Vizija kraja

Šta je stvarno bitno?  
Zašto radim ovo?  
Koje su mi potrebe?

Kako izgleda kraj?  
Kako izgleda za N godina?  
*Vizualizuj u detalje*



Ko mi je uzor?  
Koje vrline cenim?  
Kada sam inspirisan?  
Šta volim da radim?  
Za šta sam spreman  
da se borim?  
*Konkretno, pa apstrahuj*

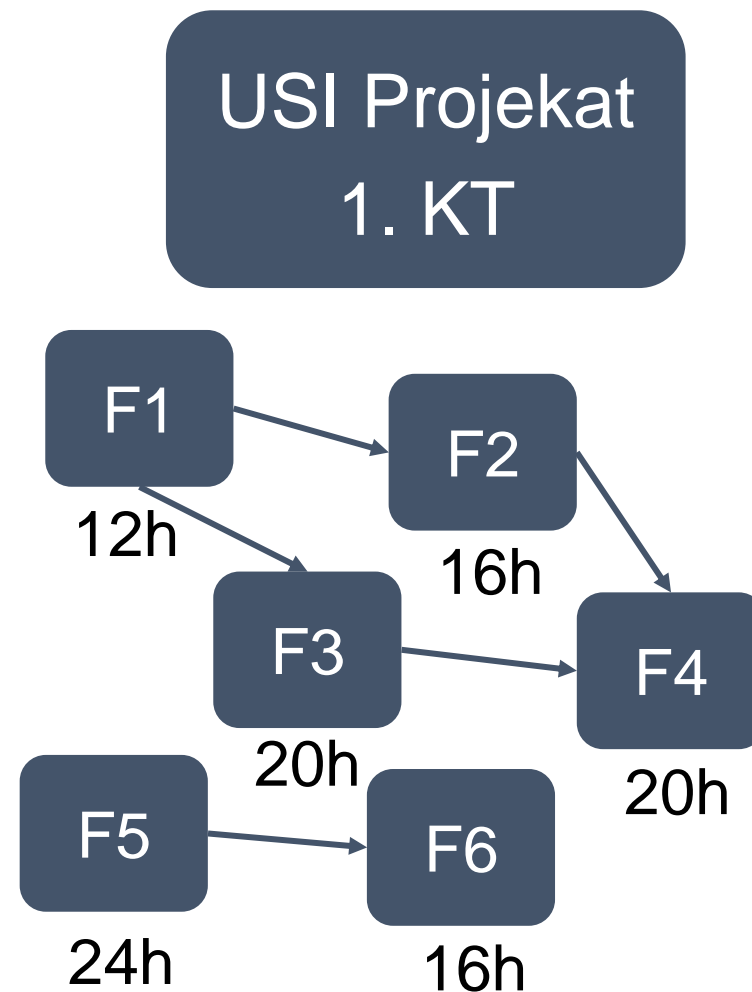




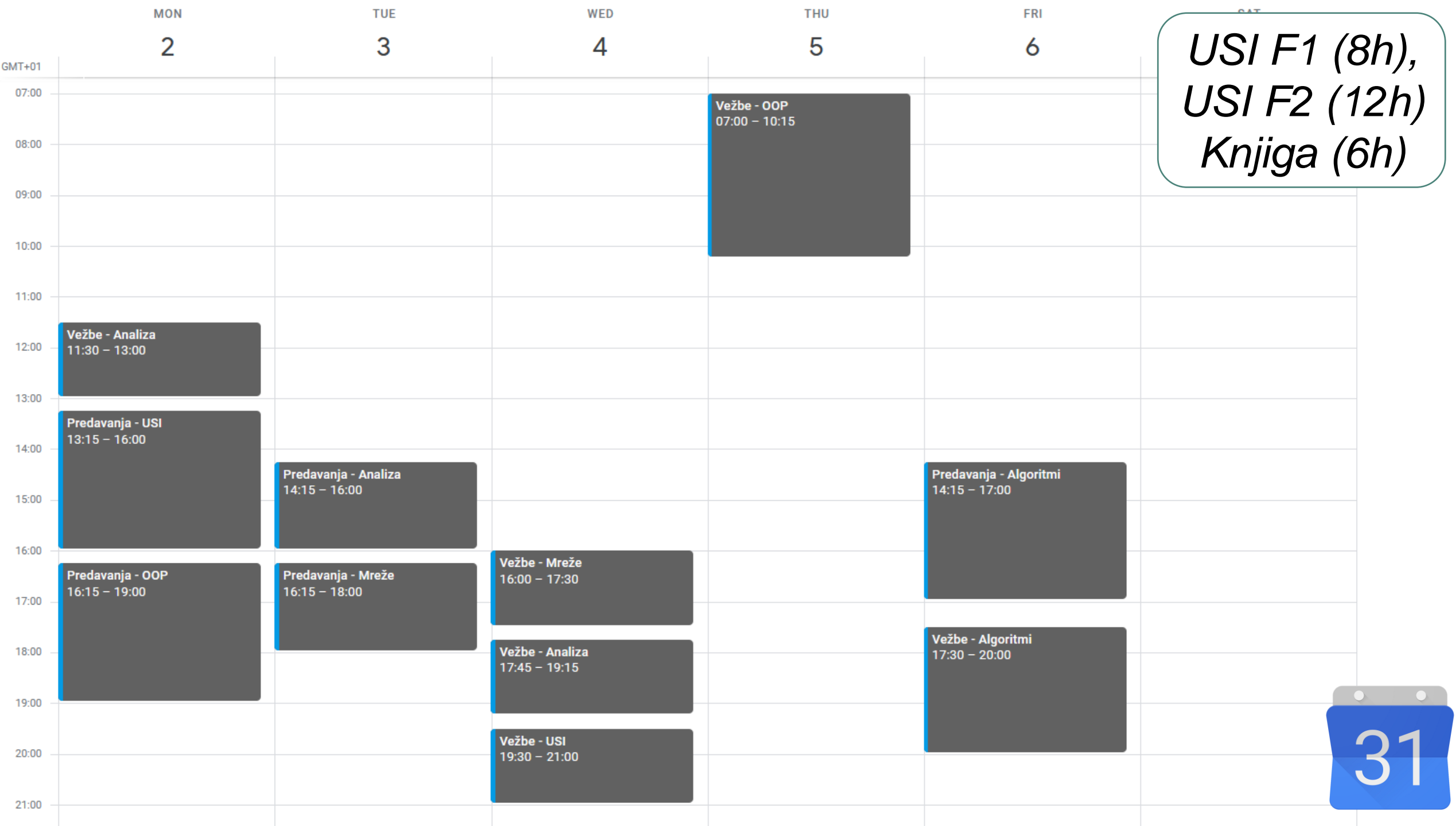
# Kako planiramo posao?

1. Definišemo ciljeve i njihove rokove
2. Razložimo ciljeve na manje celine
  - a. Definišemo međuzavisnosti
  - b. Procenimo potrebno vreme
3. Odredimo vremenski tok posla

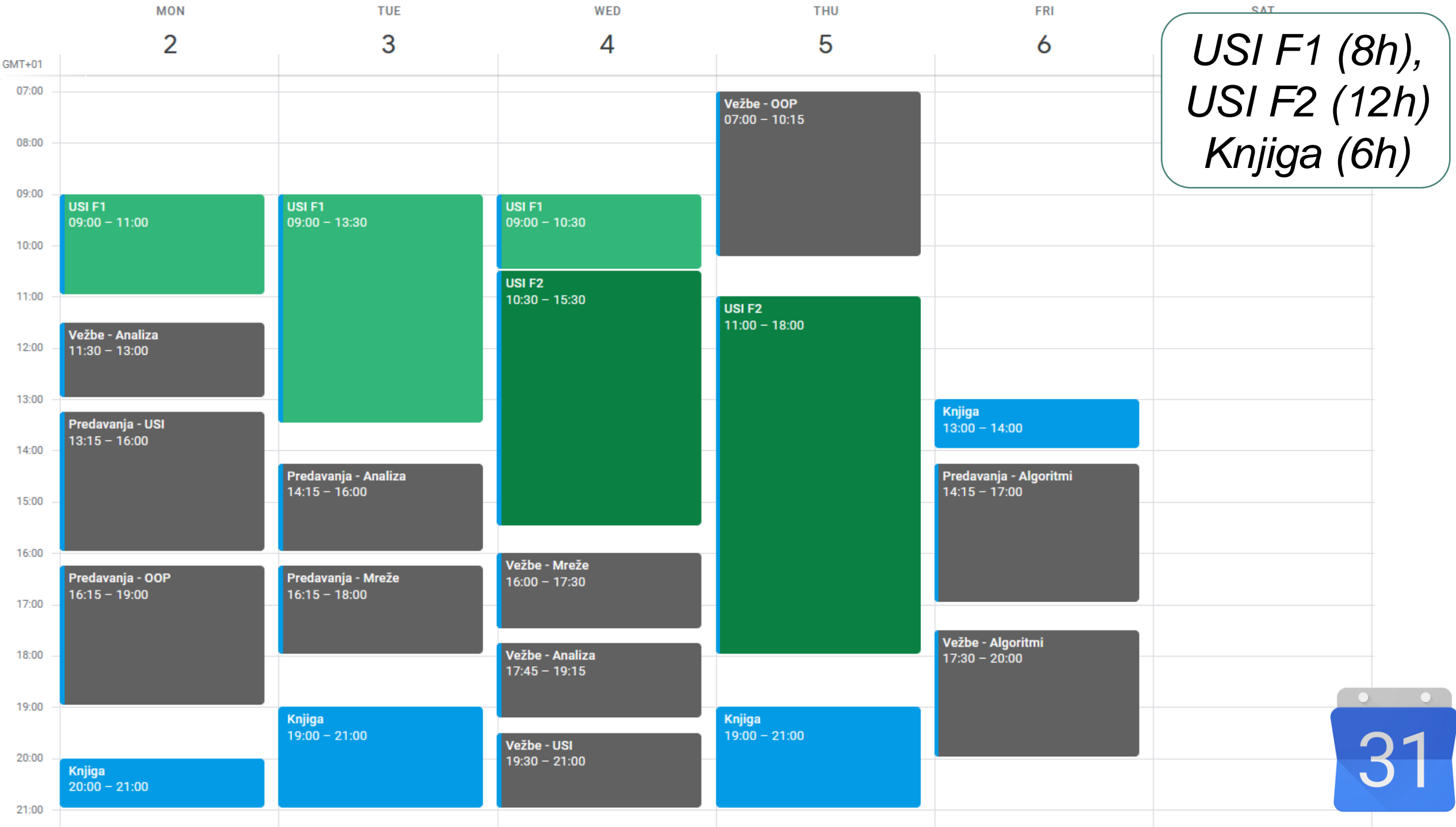
## Work breakdown structure



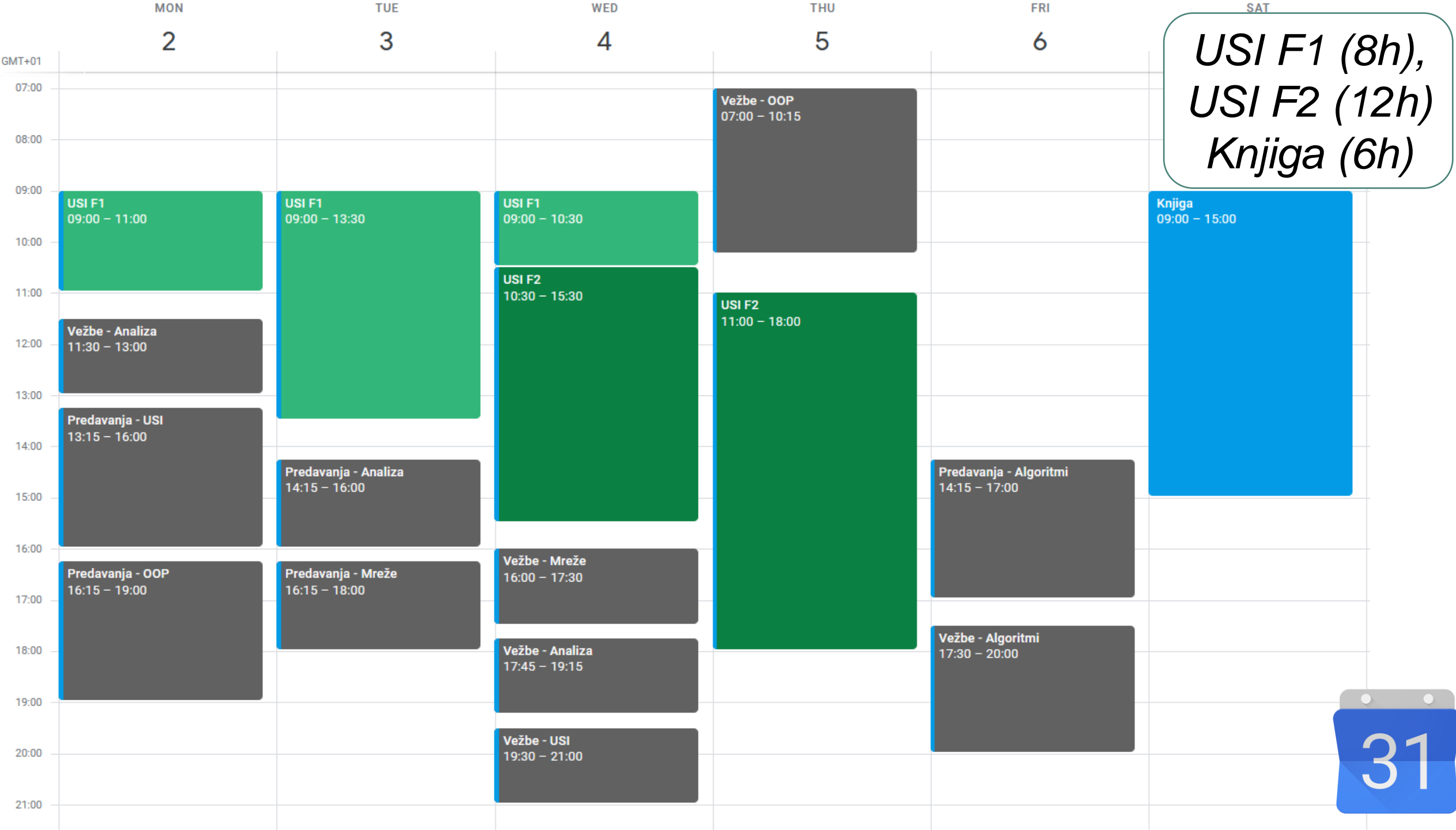
*kako rasporediti u tročlanom timu?*

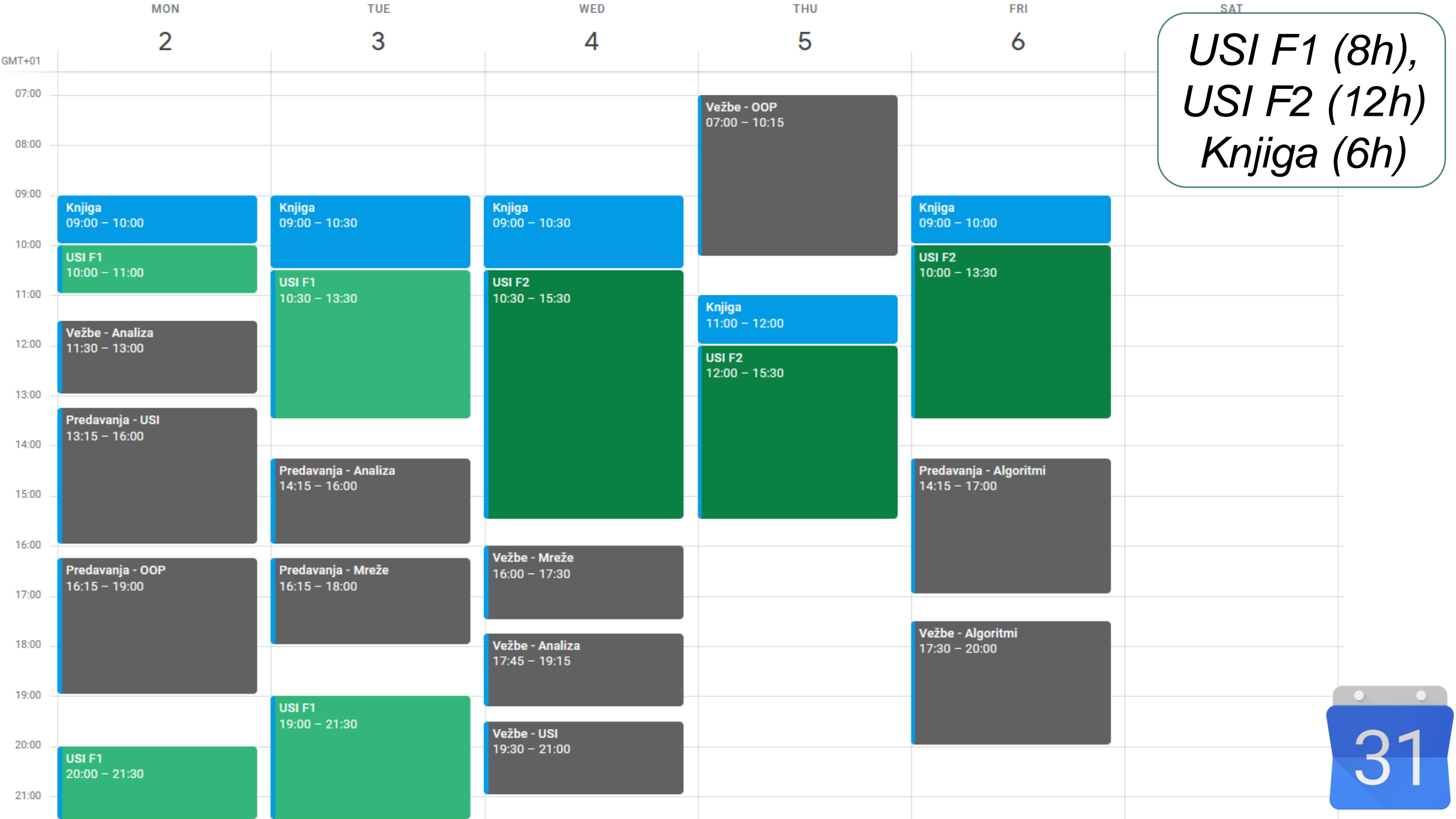


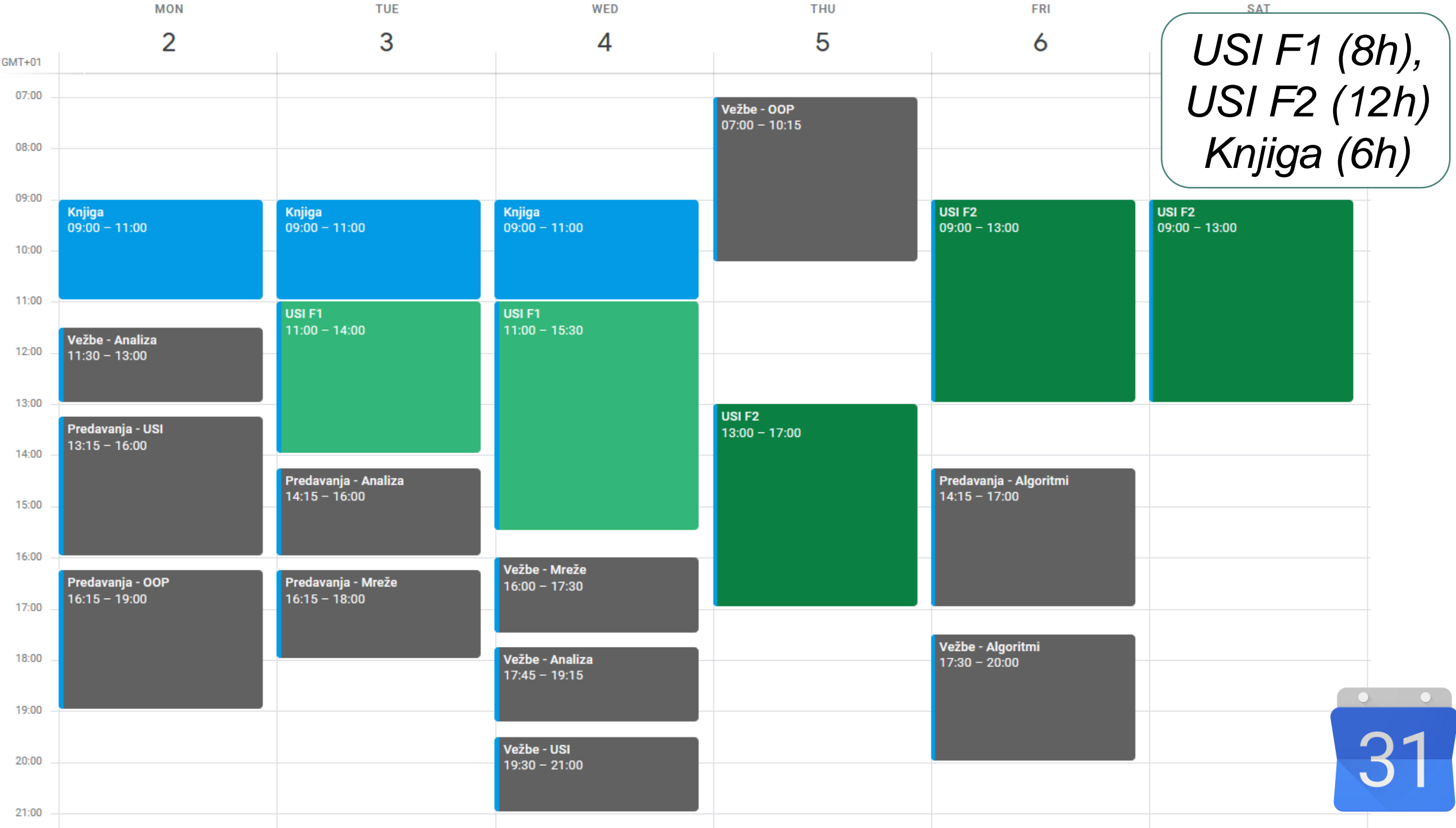






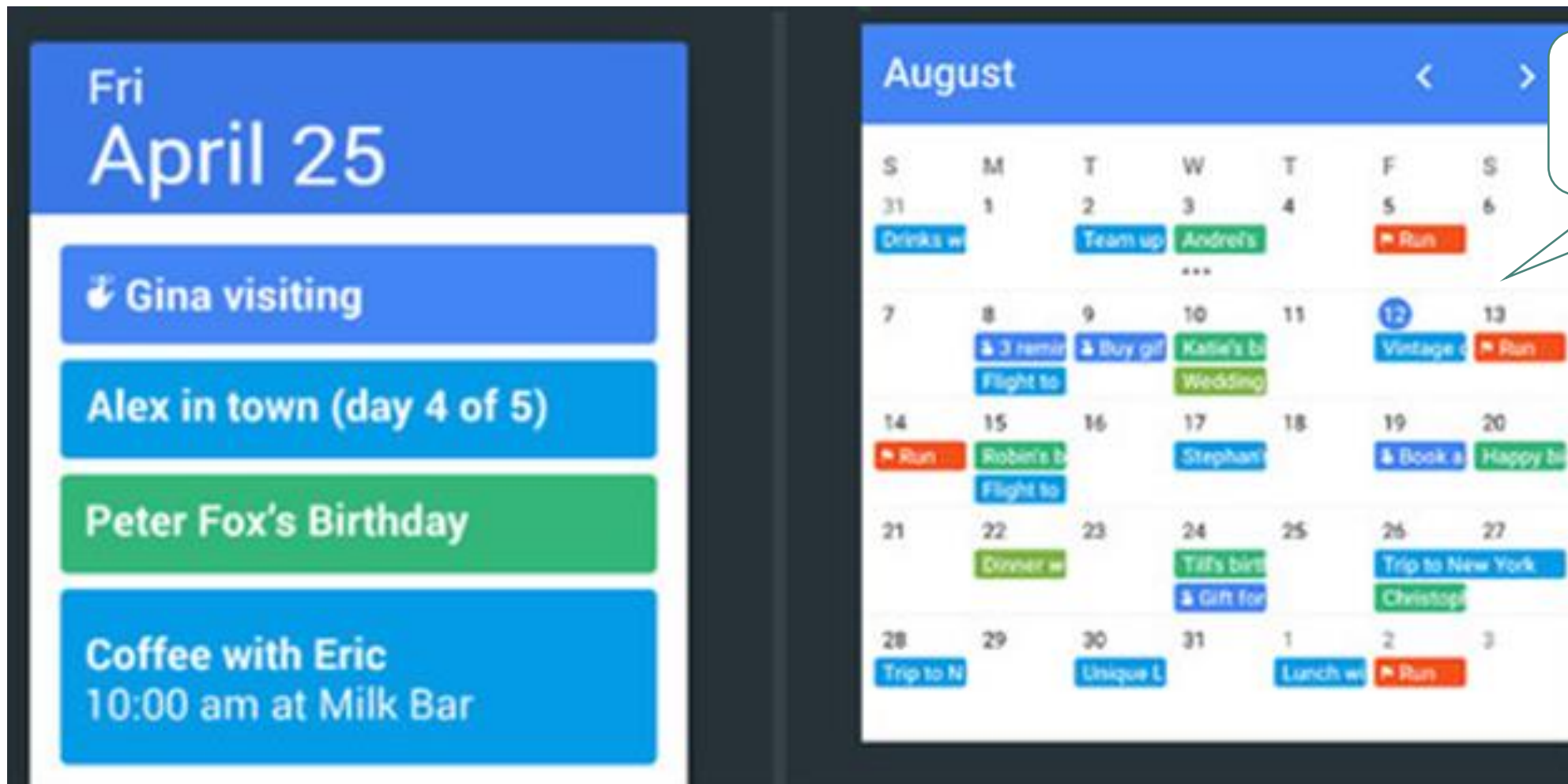






- ❖ Mapiranje rokova na nedelju uz ostale obaveze
- ❖ Šta je fiksno, šta zahtevno, a šta može sa pola mozga?

*optimizuj  
raspored*



*izvor  
odgovornosti*







## #3 Efektivno planiranje

#2 Mogu da  
zamislim gde idem

*Liderstvo*

Šta mi je bitno  
i zašto

#3 Mogu da  
sprovodim korake  
ka svom cilju

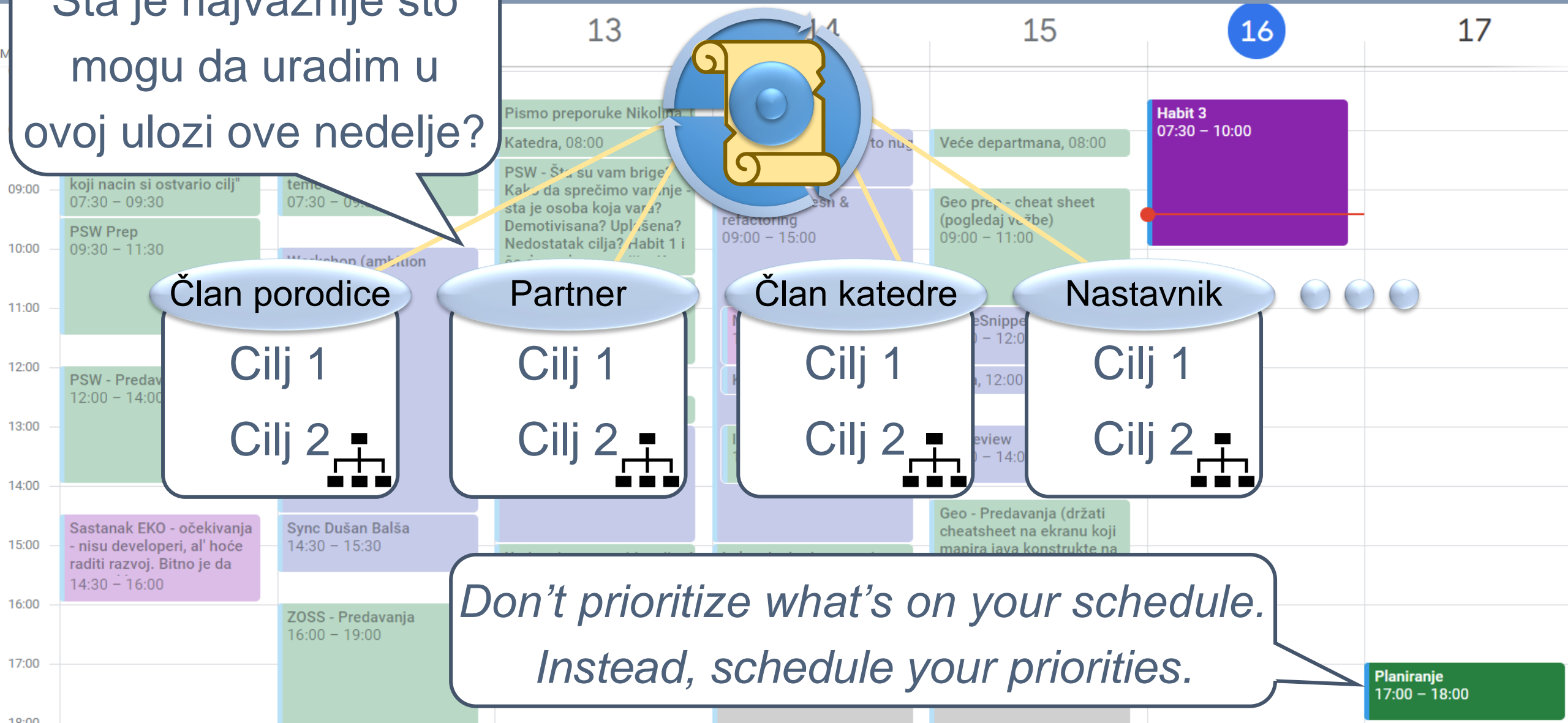
*Menadžment*

Disciplina da to  
sprovedem

*Organize and execute around priorities*

# #3 Efektivno planiranje

Šta je najvažnije što mogu da uradim u ovoj ulozi ove nedelje?



*sam svoj šef*

Praćenje  
efektivnog  
rada

Bez pauza  
za ...

Stimuliše  
efikasniji  
rad

*replaniranje?*

Praćenje  
investiranog  
vremena

Objektivan  
pregled  
prioriteta

Ističe  
zapuštene  
ciljeve

*procena  
na Trello*

Praćenje  
kvaliteta  
procena

Poređenje  
procene i  
realizacije

Razlog  
razlike u  
realizaciji?

*Cilj: 35h nedeljno*



**Toggl**  
Time tracking

Z: Definiši plan za realizaciju optimalnih godinu dana, po svom kriterijumu, tako da su:

- ❖ Definisani ciljevi, za koje ne treba više od 3 meseca
- ❖ Ciljevi raspoređeni po kvartalima  
(npr. 5 u prva 3 meseca, 5 u druga 3...)
- ❖ Ciljevi za predstojeća 3 meseca razloženi na zadatke čija realizacija ne zahteva više od 2 nedelje
- ❖ Definisani rokovi i *timeline* realizacije svakog zadatka

❖ SMART



*Cilj: Ispuniti  
~75% ciljeva*