To Do

Team To do
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Uvod

- Tema: organizacija zadataka i aktivnosti
- Login/Registracija
- Unošenje novih taskova i brisanje
- Označavanje taskova završenim
- Postavljanje datuma izvršavanja
- Pretraga taskova
- Log out

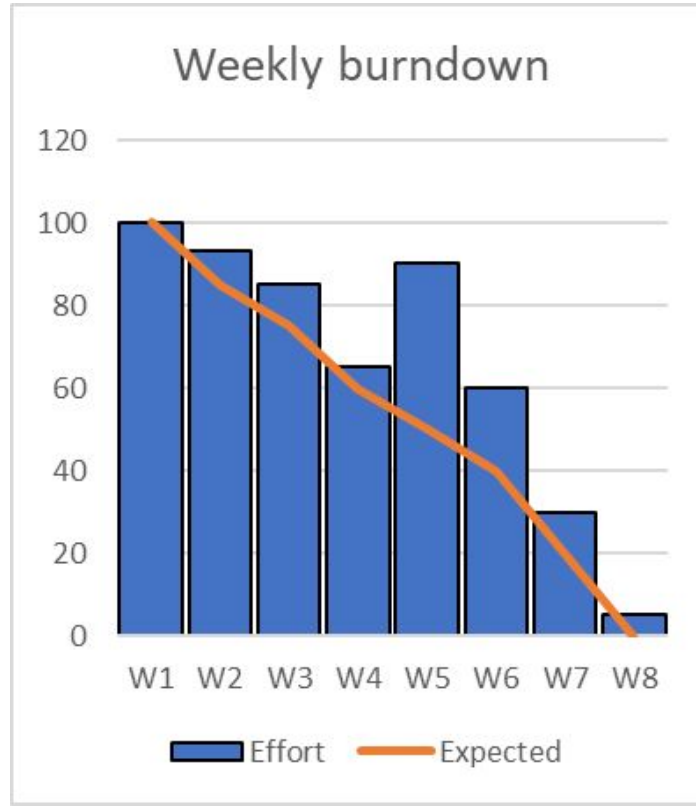| Epic	User Story	Description
Epic 1	User Story 1	Kao korisnik trebao bih znati kako doći do starnice za registraciju/prijavu
	User Story 2	Kao korisnik trebao bih znati jesam li se uspješno registrirao/prijavio
	User Story 3	Kao korisnik trebao bih znati ako i gdje je došlo do pogreške pri registraciji/prijavi
	User Story 4	Kao korisnik trebao bih znati kako se odjaviti/promijeniti lozinku
Epic 2	User Story 5	Kao korisnik trebao bih znati kako kako dodati novi task na popis taskova (dodatno, trebao bih ga znati napisati i dodati datum po potrebi)
	User Story 6	Kao korisnik trebao bih znati kako izbrisati/urediti task s popisa taskova
	User Story 7	Kao korisnik trebao bih znati kako označiti dovršeni task
Epic 3	User Story 8	Kao korisnik trebao bih znati kada se približava nadolazeći task
	User Story 9	Kao korisnik trebao bih znati naći task koji mi treba

Što je napravljeno od prošlog demoa

- Urađen je css u potpunosti
- Prikazivanje i pretraga liste zadataka
- Mogućnost promjena lozinke
- Optimiziran je kod

Vremenski plan

Sprint 1				Sprint 2			
15. studenog	22. studenog	29. studenog	13. prosinca	20. prosinca	27. prosinca	10. siječnja	17. siječnja
Epic 1							
		Epic 2					
				Epic 3			
					Verifikacija, dokumentacija i css		
			Sprint Demo				Final Demo

Burndown chart

WS Table

Working Software		Sprint 1				Sprint 2			
		W1	W2	W3	W4	W5	W6	W7	W8
Unit testing	Plan%	0%	0%	0%	0%	0%	50%*	83%*	100%*
	Pass%	0%	0%	0%	0%	16%	16%	83%	100%
Acceptance Test	Plan%	0%	0%	0%	0%	0%	0%	50%	100%
	Pass%	0%	0%	0%	0%	0%	0%	50%	100%
Overall testing (visual)	Plan%	28%	42%	51%	63%	76%	88%	98%	100%
	Pass%	9%	9%	30%	51%	37%	63%	93%	100%

19 funkcija - 6 unit test, 43 boda
za overall - 4 html, 4css, 9x3
user js + baza, 6 unit, 2 baza

* - postotak planiranog broja unit testova

US Flow
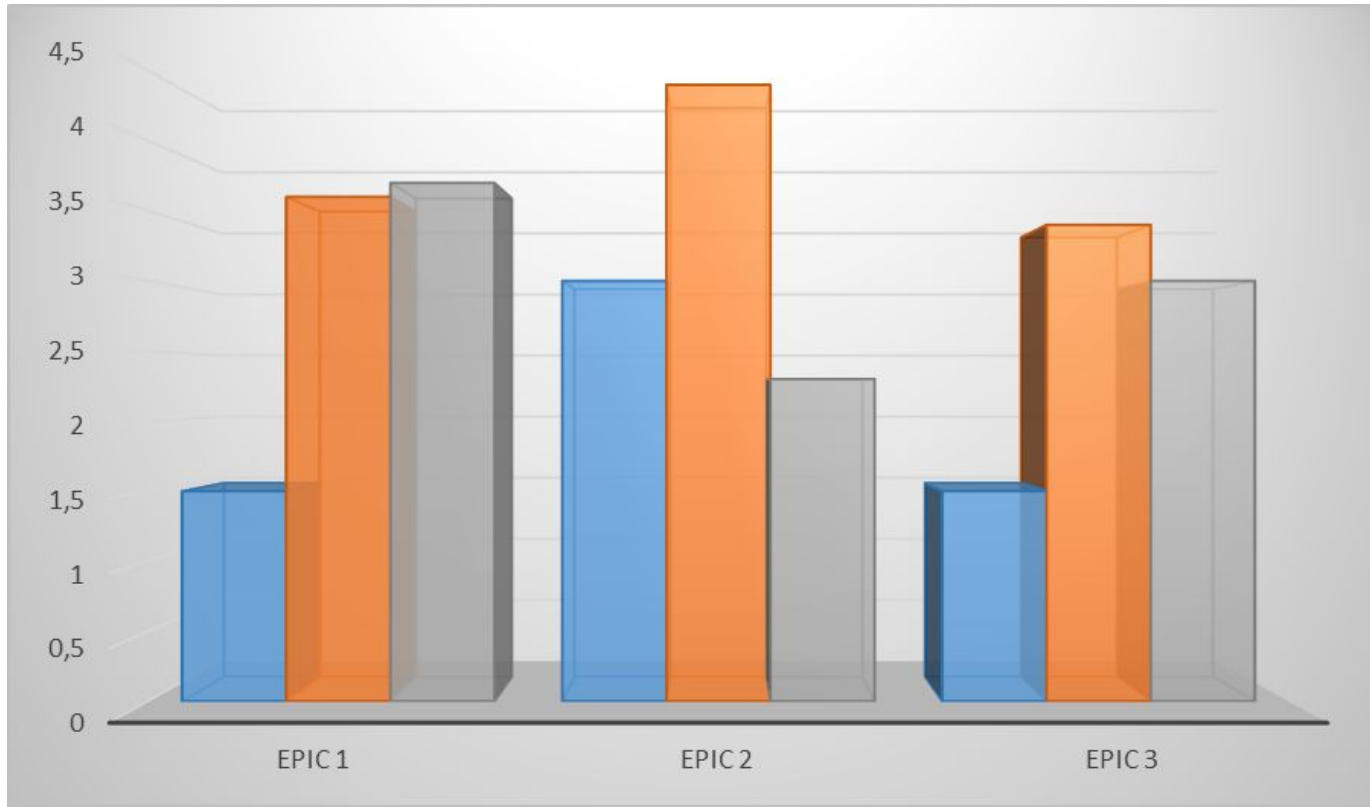
Test strategija

- **Unit testovi** - napravljeni unit testovi za dio funkcija (JavaScript) - većinom za pomoćne funkcije tipa rezanje stringa, unos pravilnog formata mail-a …
- Većina funkcija koristi XML Http Request i radi s DOM-om i ugniježđenim funkcijama, te bi samo stvaranje testa za svaku funkciju bilo puno kompliciranije nego sama funkcija - Unit testovi demonstrativno provedeni za Sign Up i mijenjanje lozinke
- **Peer review** - aplikacija pregledana od strane nepristranih korisnika koji nisu radili na projekt da se nađu potencijalni problemi
- **Prolaženje kroz sve slučajeve** - dokumentacija što se događa pri različitim slučajevima

Metrike kvalitete koda

❏ Code coverage


```
● PS C:\xampp\htdocs\To_Do_Projekt\To-Do-projekt-UPI-> npm test

> to-do-projekt-upi-@1.0.0 test
> jest

PASS  testovi/sign_up.test.js
PASS  testovi/to_do.test.js
PASS  testovi/ChangePassword.test.js
  ● Console

    console.log
      newPassword

      at log (todo_js/to_do.js:186:13)

    console.log


      at log (todo_js/to_do.js:186:13)

PASS  testovi/isValidEmail.test.js
-----------|---------|----------|---------|---------|-------------------------------
File       | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
-----------|---------|----------|---------|---------|-------------------------------
All files  |   31.11 |    21.73 |   34.61 |   31.34 |
 sign_up.js |  79.16 |     37.5 |   83.33 |   79.16 | 13,29-30,46-49
 to_do.js  |   20.72 |    18.42 |      20 |    20.9 | 7-32,44-175,214-236,252-255
-----------|---------|----------|---------|---------|-------------------------------

Test Suites: 4 passed, 4 total
Tests:       12 passed, 12 total
Snapshots:   0 total
Time:        4.714 s, estimated 6 s
Ran all test suites.
PS C:\xampp\htdocs\To_Do_Projekt\To-Do-projekt-UPI->
```

Code complexity

sign_up.js   ≡ Code Complexity Report ✕

Code Complexity Report

> So if you want to go fast, if you want to get done quickly, if you want your code to be easy to write, make it easy to read.
>
> — Clean Code: A Handbook of Agile Software Craftsmanship *Robert C. Martin*

Function Name	Start Line	End Line	Cyclomatic Complexity (Threshold: 10)	Lines of Code (Threshold: 50)	Parameter Count (Threshold: 4)
attemptSignUp	1	14	2	11	1
isValidEmail	16	19	1	3	1
displayError	21	23	1	3	1
xhr.onreadystatechange	28	32	2	5	0
sendSignUpRequest	25	37	1	7	3
handleSignUpResponse	39	51	3	12	3

Source Code: fdba059a-b232-11ee-ad28-0242ac100002.js

Code Complexity Report

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Function Name	Start Line	End Line	Cyclomatic Complexity (Threshold: 10)	Lines of Code (Threshold: 50)	Parameter Count (Threshold: 4)
xhr.onreadystatechange	10	28	4	16	0
attemptLogin	1	35	1	10	1

Source Code: c5f70d24-b232-11ee-ad28-0242ac100002.js

Generated by Codalyze on 2024-01-13 16:42

Code Complexity Report

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Function Name	Start Line	End Line	Cyclomatic Complexity (Threshold: 10)	Lines of Code (Threshold: 50)	Parameter Count (Threshold: 4)
GetUser	6	10	1	5	0
xhr.onreadystatechange	15	28	3	11	0
GetUsername	12	33	1	7	0
Obrada_Username	35	39	1	4	1
xhr.onreadystatechange	45	55	3	9	0
GetTasks	42	60	1	7	0
Obrada_Tasks	61	99	4	27	1

xhr.onreadystatechange	111	116	3	5	0
AddTask	102	119	1	9	0
xhr.onreadystatechange	130	136	3	5	0
DeleteTask	122	144	1	9	1
xhr.onreadystatechange	157	171	4	11	0
ChangeFinishedStatus	148	178	1	9	1
xhr.onreadystatechange	197	203	3	5	0
ChangePassword	181	209	2	14	0
xhr.onreadystatechange	219	227	3	7	0
SearchTasks	212	233	1	8	0
Refresh	235	237	1	3	0
extractNumberFromString	240	249	2	9	1
LogOut	251	258	1	6	0

❏ SignUpTest complexity

Function Name	Start Line	End Line	Cyclomatic Complexity (Threshold: 10)	Lines of Code (Threshold: 50)	Parameter Count (Threshold: 4)
jest.fn	63	64	1	2	0
(anonymous)	76	79	1	4	0
(anonymous)	107	107	1	1	0
(anonymous)	112	112	1	1	0
jest.fn	101	115	1	10	0
(anonymous)	119	122	1	4	0
(anonymous)	140	140	1	1	0
jest.fn	134	145	1	9	0
(anonymous)	147	161	1	9	0
jest.fn	133	162	1	4	0

Source Code: 1469e84a-b234-11ee-b93e-0242ac100002.js

Code Complexity Report

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Function Name	Start Line	End Line	Cyclomatic Complexity (Threshold: 10)	Lines of Code (Threshold: 50)	Parameter Count (Threshold: 4)
jest.fn	6	8	1	2	0
(anonymous)	84	96	1	8	0
(anonymous)	83	97	1	3	0
(anonymous)	100	107	1	5	0
(anonymous)	109	117	1	5	0
(anonymous)	99	119	1	4	0

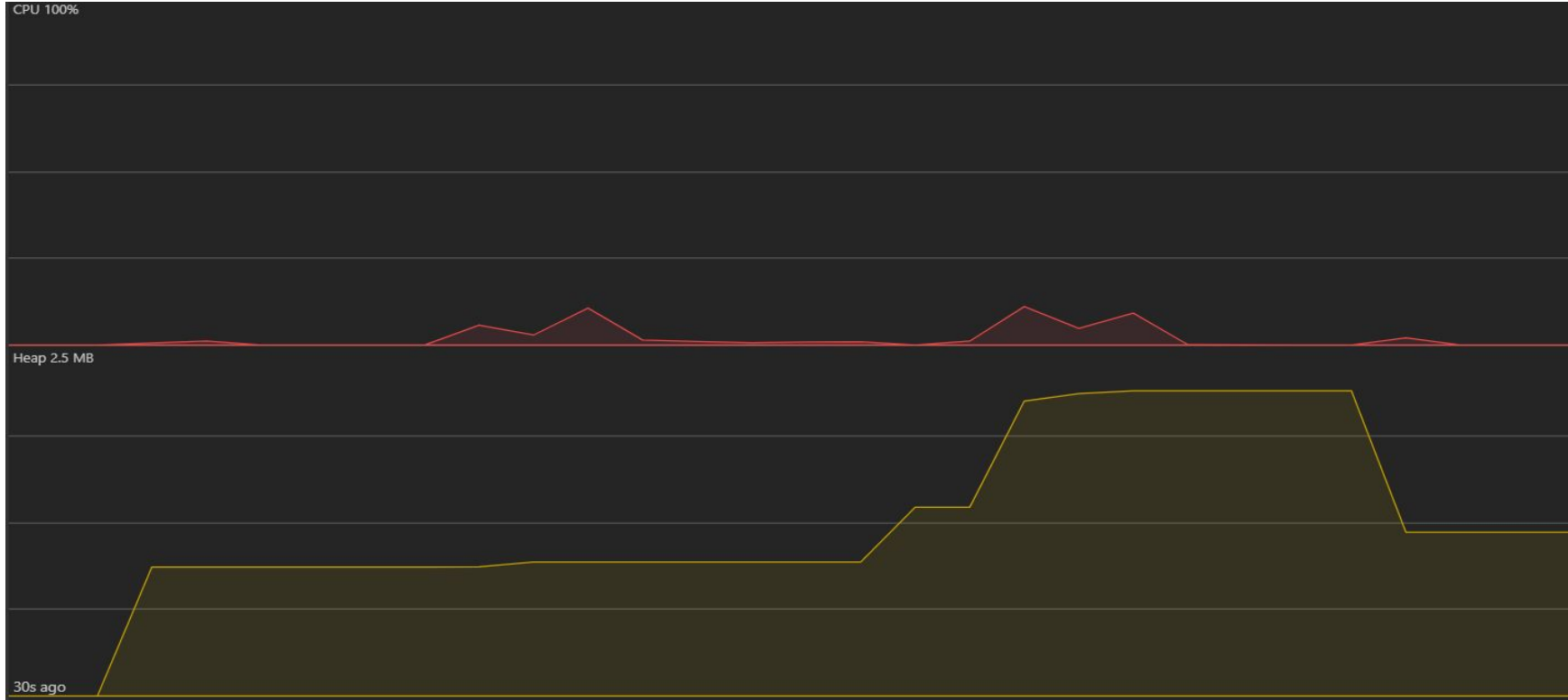Source Code: 44334116-b234-11ee-b93e-0242ac100002.js

Code Complexity Report

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> — Clean Code: A Handbook of Agile Software Craftsmanship *Robert C. Martin*

Function Name	Start Line	End Line	Cyclomatic Complexity (Threshold: 10)	Lines of Code (Threshold: 50)	Parameter Count (Threshold: 4)
(anonymous)	4	7	1	4	0
(anonymous)	9	12	1	4	0
(anonymous)	14	17	1	3	0
(anonymous)	3	18	1	5	0

Source Code: fc39b17e-b233-11ee-b93e-0242ac100002.js

Code Complexity Report

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— Clean Code: A Handbook of Agile Software Craftsmanship *Robert C. Martin*

Function Name	Start Line	End Line	Cyclomatic Complexity (Threshold: 10)	Lines of Code (Threshold: 50)	Parameter Count (Threshold: 4)
(anonymous)	91	91	1	1	0
(anonymous)	95	95	1	1	0
jest.fn	85	113	1	16	0
(anonymous)	130	130	1	1	0
(anonymous)	117	136	1	11	0
jest.fn	84	137	1	4	0

Source Code: e19daf8c-b233-11ee-b93e-0242ac100002.js

❑ Performanse

GIT stats:
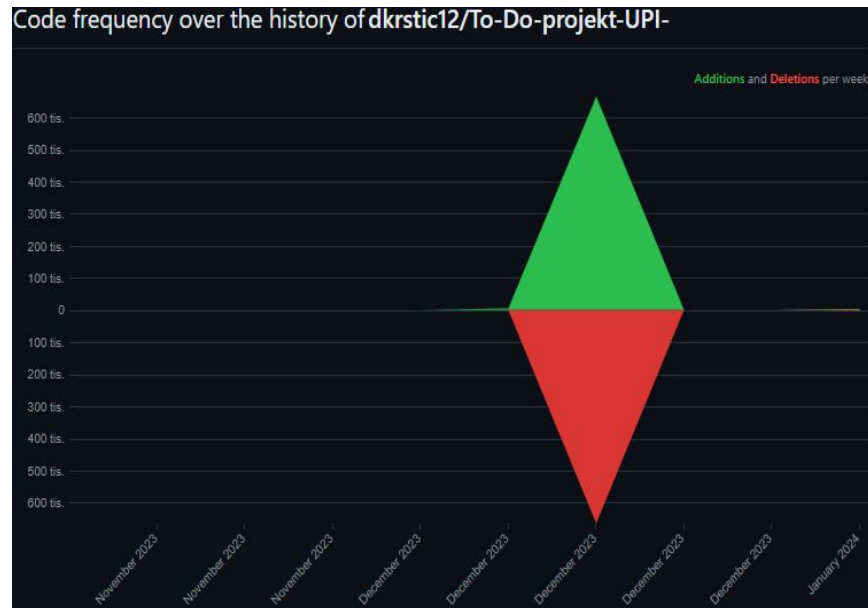
Korišteni programski jezici:
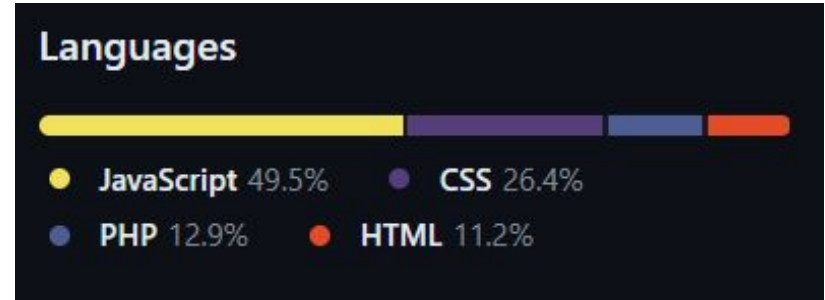
GIT stats:

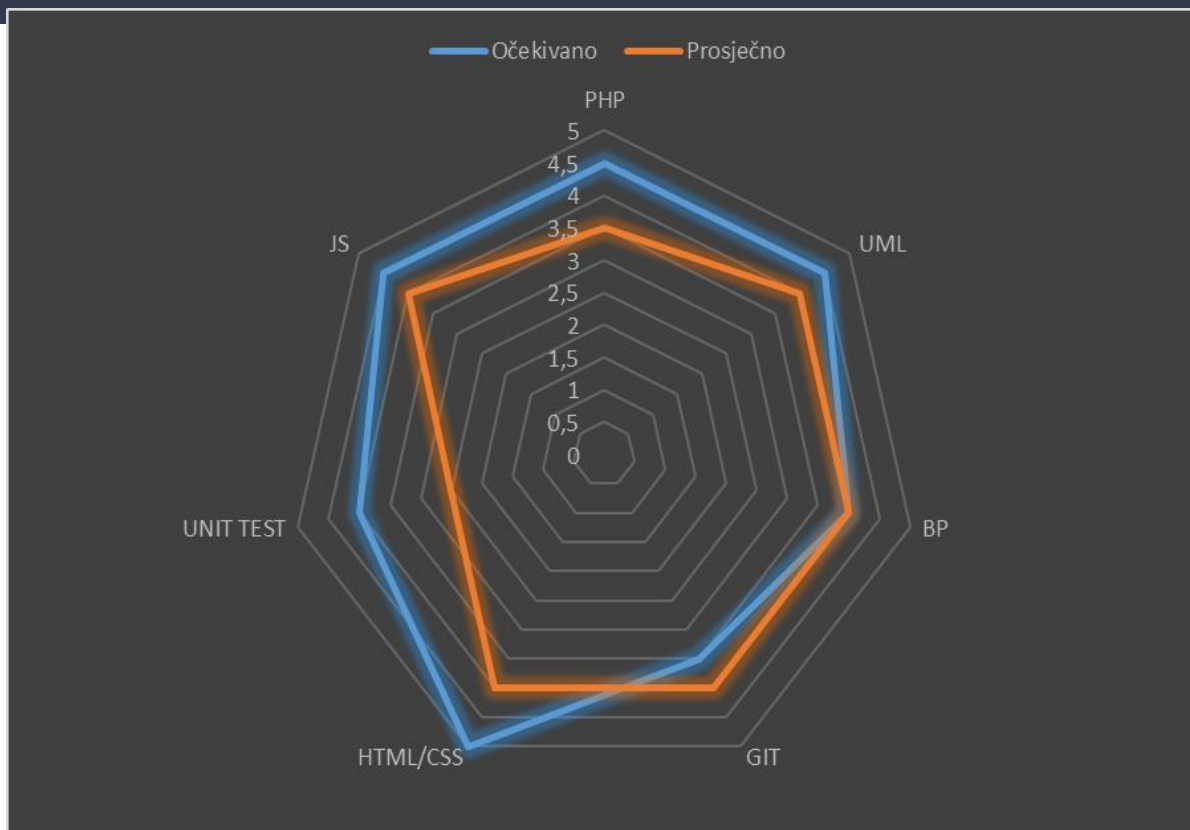## Broj commitova

Učestalost koda

Graf kompetencija

Link na Github

Link na aplikaciju

http://todoprojekt.great-site.net/to_do.html

https://github.com/dkrstic12/To-Do-projekt-UPI-

Hvala na pažnji!

Tim: To do