ВИСОКА ШКОЛА ЕЛЕКТРОТЕХНИКЕ И РАЧУНАРСТВА СТРУКОВНИХ СТУДИЈА

**Нинковић Милица**

**ИМПЛЕМЕНТАЦИЈА ВЕБ АПЛИКАЦИЈЕ ЗА УЧЕЊЕ ,,FRONT-END” ЈЕЗИКА  
  
- завршни рад -**



Београд, септембар 2017.

Кандидат: **Нинковић Милица**

Број индекса: **РТ-27/14**

Студијски програм: **рачунарска техника**

Тема: **Имплементација веб апликације за учење ,,front-end” језика**

Основни задаци:

**1. Xxxxxxxxxxxxx**

**2. Комуникација између клијента и сервера**

**3. Кориснички интерфејс**

Ментор:

Београд, септембар 2017.

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др Перица Штрбац, проф. ВИШЕР

Резиме:

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**Кључне речи:** : Xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

ABSTRACT:

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**Key words**: Xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

САДРЖАЈ:

[1. УВОД 1](#_Toc449277889)

[2. YYYYYYYYYYYYYYYYY 1](#_Toc449277890)

[2.1. Xxxxxxxxxxxxxxx 1](#_Toc449277891)

[2.1.1. Zzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzzx 1](#_Toc449277892)

[2.1.2. Sssssssssss 1](#_Toc449277893)

[2.2. Xxxxxxxxxxxxxxxxxxxxxxxx 1](#_Toc449277894)

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[2.3. Xxxxxxxxxxxxxxxxxxxxxx 1](#_Toc449277896)

[3. МЕРЕЊА 1](#_Toc449277897)

[3.1.1. Zzzzzzzzzzzzzzzzzzzzzzzz 1](#_Toc449277898)

[4. ЗАКЉУЧАК 1](#_Toc449277899)

[5. ИНДЕКС ПОЈМОВА 1](#_Toc449277900)

[6. ЛИТЕРАТУРА 1](#_Toc449277901)

[7. ПРИЛОЗИ 1](#_Toc449277902)

# УВОД

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Слика 2.1 – Hhhhhhhhhhhhhhh jjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjjj.

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Табела 2.1 – Ggggggggggggggggggggggggggggg gggggggggggggggggg gggggggggggggggggg.

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# МЕРЕЊА

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# ЗАКЉУЧАК

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# ИНДЕКС ПОЈМОВА

# ЛИТЕРАТУРА

[1] Б. Раковић, *Електроника – Линеарна интегрисана кола*, Грађевинска књига, Београд, 1983.

[2] D. Davis, E. Patronis Jr, *Sound system Engineering,* pp. 202-212, Focal Press, 2006.

[3] S.H. Linkwits, "Active Crossover Networks for Noncoincident Drivers", *J. Audio Eng. Soc.*, vol. 24, no. 1, pp. 2-8, 1976.

[4] J.J. Lopez, B. Pueo and M. Cobos, “Conventional and distributed mode loudspeaker arrays for the application of wave-field synthesis to video conference” *124th Conv. Audio Eng. Soc.*, Amsterdam, May 2008.

[5] J. Murray, „A Primer On Ethernet Cabling For Digital Audio” <http://www.prosoundweb.com/article/a_primer_on_ethernet_cabling_for_digital_audio/>, преузето: април 2016.

# Прилози