

DATABASE

A model for monitoring scientific and professional conferences has been created. The **conference**, which is characterized by its identification number, name, dates of its beginning and completion, organizes **organizer**. One conference is organized always by only one organizer (the conference must have an organizer), but that organizer can conferences (at least one to be in the model). The organizer must have a seat in **city** (its characteristics are: Zip code, name). The conference is held in one or more **halls**. The hall has its own unique designation, name, the address where it is located, capacity (the number of seating area). Over time, several conferences can be held in the hall (at least one). The conference **participant** has characteristics: identification number, name, last name, institution name from

which is coming, contact by phone number and e-mail address. The participant may be the **author** of one or more works, accepted for **presentation** at the conference, but also, he does not have to be the author of any work. In order for a participant to exhibit work in a hall on a certain date and at a certain time, it must be the condition that he wrote the work, i.e. that he is one of the authors of this work.

STORED PROCEDURES

CHANGE THE EXPOSURE TIME

This procedure on a certain day in a certain hall changes the beginning of a certain number of conference. The change should be realized in such a way as to move the exhibition only for those works where the intended authors for the exhibition do not participate in any other exhibition on that day (they have only one exhibition on that day). The postponement of the exhibition of works always happens in minutes and the new start time of the exhibition is so many minutes before the old estimated exposure time.

```
USE Conference;
Go
EXEC PromenaSatniceIzlaganja
@broj = 2,
@brojSale = 2,
@Dana = '2019-11-23',
@minuta = 15;
```

INFORMATION ABOUT CONFERENCE

For the purpose of displaying conference data based on the entry of parameters such as the conference name and the date of the conference, we will create a basic procedure which, in addition to the mandatory entry of the conference name, will also have the optional date date parameter.

```
USE Conference
GO
EXEC Info_konferencija
@NazivKonf = 'YUinfo2019',
@DatumOdrzavanja = NULL;
```

VIEWS

REVIEW OF WORKS BY HALLS

The view is used to display all relevant information about the papers and their authors, which will be presented at conferences in the appropriate halls (including addresses) at a specific scheduled time. the old estimated exposure time.

```
USE Conference;
GO
SELECT *
FROM Pregled_Radova_po_Salama
```

Naziv rada	Oblast	Ime Autora	Institucija	eMail
Device-to-Device Communication Based IoT System: ...	Informatika - Racunarske mreže	Nikola Mladenovic	PM Lucas	nikolamladenovic88@gn
Light fidelity (Li-Fi): towards all-optical networking	Informatika - Racunarske mreže	Christophe Jurczak	Lucibel, QC Ware in Palo Alto, CA	NULL
Device-to-Device Communication Based IoT System: ...	Informatika - Racunarske mreže	Nikola Mladenovic	PM Lucas	nikolamladenovic88@gn

FUNCTIONS

EXPOSURE HOURS

A function has been created that returns a value in the table and that will show the changes produced by the execution of the base procedure for changing the schedule. In this case, the function should have input parameters whose purpose is as follows:

- the date for which the postponement of the beginning of the presentation is to be seen
- the hall for which you want to see the movement of the beginning of the presentation

PARTICIPANTS FROM

a function has been created that returns data on participants from that country who are the authors of works that will be presented in one of the halls with a defined date for a given label or name of the country

```
USE Conference
GO
SELECT * FROM Ucesnici_Iz ('Srbija')
GO
```

```
USE Conference;
Go
SELECT *
FROM SatniceIzlaganja('2019-11-23', 2)
ORDER BY AktuelnoPlaniranoVreme;
GO
```