



NAPREDNI BPMN PRIMERI

Informacioni sistemi 2

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Primer 11.

Description of the process for the Nobel Prize in Medicine. The main actors in the processes for Nomination, Selection and Accepting and Receiving the award are the: Nobel Committee for Medicine, Nominators, Specially appointed experts, Nobel Assembly and Nobel Laureates.

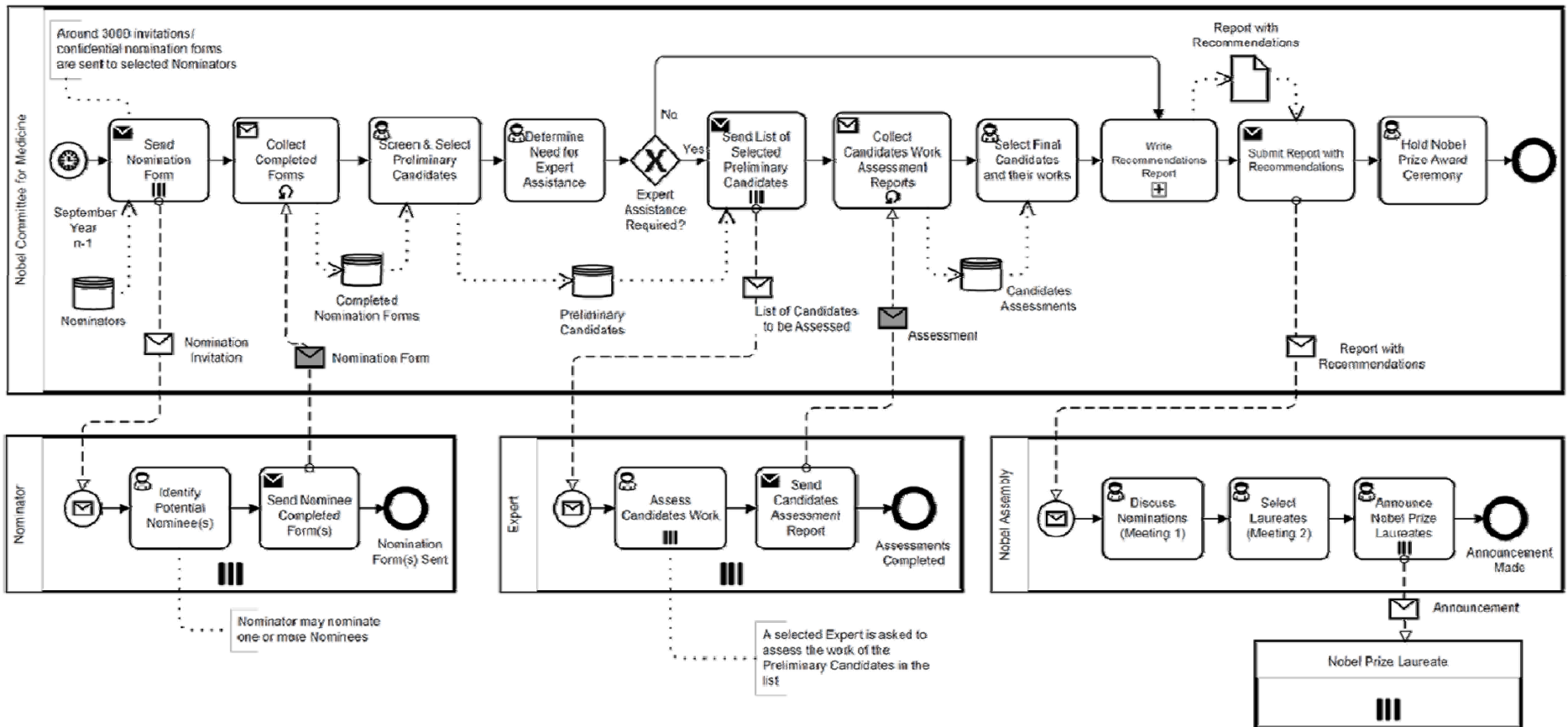
Each year in September, in the year preceding the year the Prize is awarded, around 3000 invitations or confidential nomination forms are sent out by the Nobel Committee for Medicine to selected Nominators. The Nominators are given the opportunity to nominate one or more Nominees. The completed forms must be made available to the Nobel Committee for Medicine for the selection of the preliminary candidates.

The Nobel Committee for Medicine performs a first screening and selects the preliminary candidates. Following this selection, the Nobel Committee for Medicine may request the assistance of experts. If so, it sends the list with the preliminary candidates to these specially appointed experts with the request to assess the preliminary candidates' work.

From this, the recommended final candidate laureates and associated recommended final works are selected and the Nobel Committee for Medicine writes the reports with recommendations. The Nobel Committee for Medicine submits the report with recommendations to the Nobel Assembly. This report contains the list of final candidates and associated works.

The Nobel Assembly chooses the Nobel Laureates in Medicine and associated through a majority vote and the names of the Nobel Laureates and associated works are announced. The Nobel Assembly meets twice for this selection. In the first meeting of the Nobel Assembly the report is discussed. In the second meeting the Nobel Laureates in Medicine and associated works are chosen.

The Nobel Prize Award Ceremony is held in Stockholm.





Primer 12.

The Travel Agency receives a travel reservation request, including airline transportation and hotel reservation, from a Client.

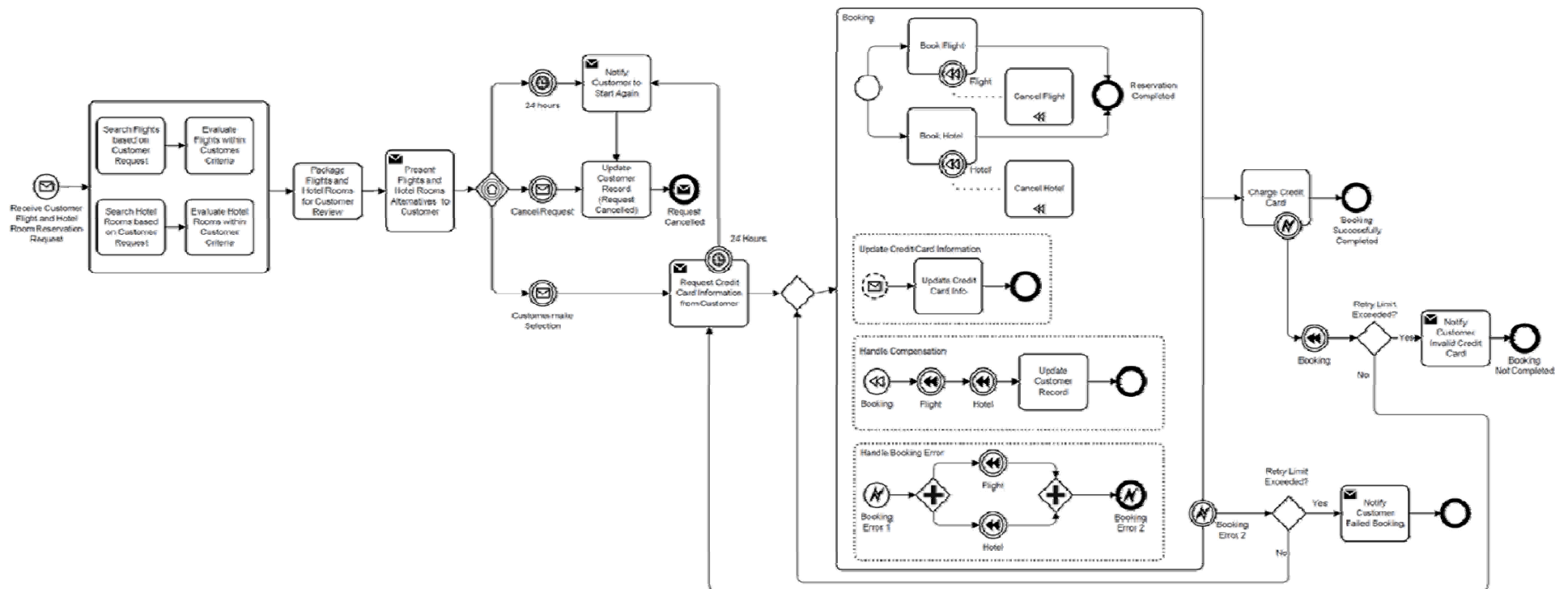
Following research and evaluation of both flights' and hotel rooms' availability, selected alternatives are packaged and offered to the Client. The Client has 24 hours to either select a proposed alternative or cancel the request. In case of a cancellation, or after this delay, the Agency updates the Client record to reflect the request cancellation and the Client is notified.

When a selection is made, the Client is asked to provide the Credit Card information. Again, the Client has 24 hours to provide this information or the request is canceled via the same activities stated before (update and notification).

Having received the Credit Card information, the booking activities take place: The flight and the hotel room are booked. Measures are taken to insure reservations reversals if problems occur in the booking and payment activities. The Client is also entitled to provide the Agency with Credit Card Information modifications before the booking is completed. Such information will be saved in its record. If an error arises during the booking activities, the flight and hotel room reservations are reversed and the Client record is updated. The booking is tried again as long as the booking retry limit is not exceeded.

Following successful booking the Reservations are charged on the Client's Credit Card and the process stops following successful confirmation. If an error occurs during this activity the flight and hotel room reservation are reversed. The Client is asked again for the Credit Card Information and the booking is tried again as long as the payment processing retry limit is not exceeded.

In both cases, following the error, when the retry limit is exceeded, the Client is notified and the process stops.



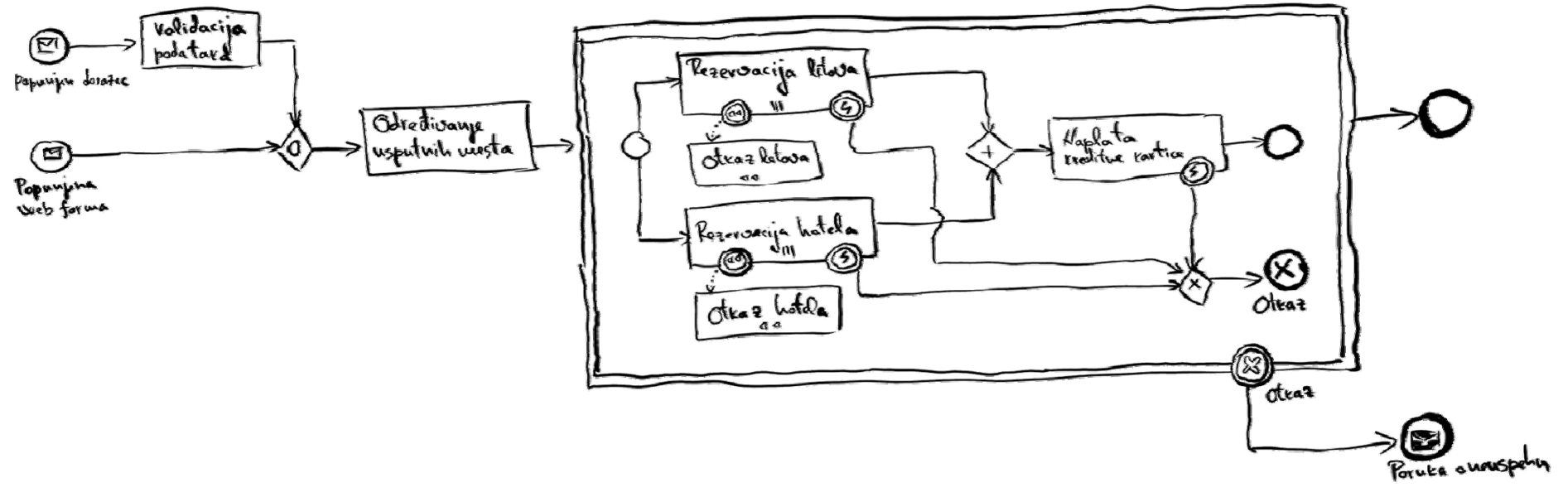


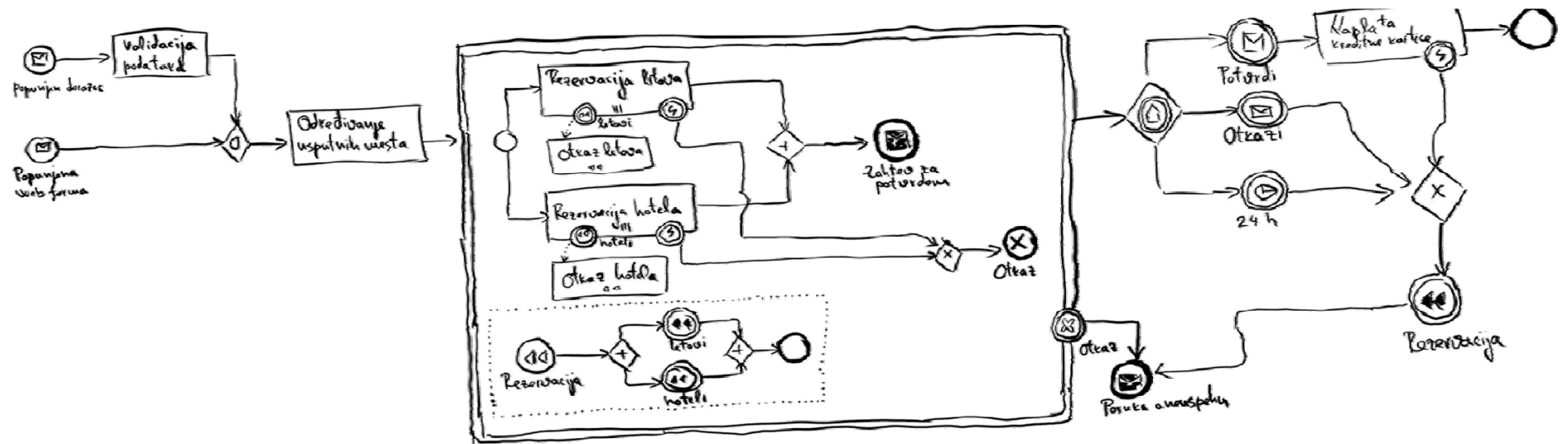
Primer 13.

Posmatra se proces rezervacije putovanja. Proces može da počne tako što klijent popuni web formu, ili tako što klijent pošalje popunjen obrazac sa potrebnim podacima. U slučaju obrasca potrebno je prvo uraditi validaciju. Na osnovu podataka iz web forme, ili podataka is obrasca određuju se usputna mesta, potrebni letovi i hoteli. Sama rezervacije se obavlja u vidu transakcije koja se sastoji od rezervacije svih potrebnih letova i svih potrebnih hotela, kao i naplate kreditne kartice. Redosled rezervacije svakog leta i hotela nije bitan, međutim, ukoliko bilo koja od rezervacija ne uspe, celokupna transakcija treba da bude otkazana, a takođe i do tada napravljene rezervacije kompenzovane. Naplata kreditne kartice počinje tek nakon obavljenih svih potrebnih rezervacije. Ukoliko naplata kreditne kartice ne uspe, transakcija i u tom slučaju treba da bude neuspešna i rezervacije kompenzovane. Nakon uspešno izvršene transakcije proces se završava. Nakon neuspešne transakcije potrebno je poslati poruku o neuspehu.

a) Kreirati dijagram modela poslovnog procesa u BPMN.

b) Navesti šta se menja na dijagramu ako se transakcija sastoji od rezervacija, dok se naplata kreditne kartice obavlja van transakcije, i to samo ukoliko klijent potvrdi da mu napravljene rezervacije odgovaraju. Ukoliko klijent odbije napravljene rezervacije, ili ukoliko ne odgovori u roku od 24 časa, kao i u slučaju problema pri naplati kreditne kartice, potrebno je kompenzovati napravljene rezervacije i poslati poruku o neuspehu.







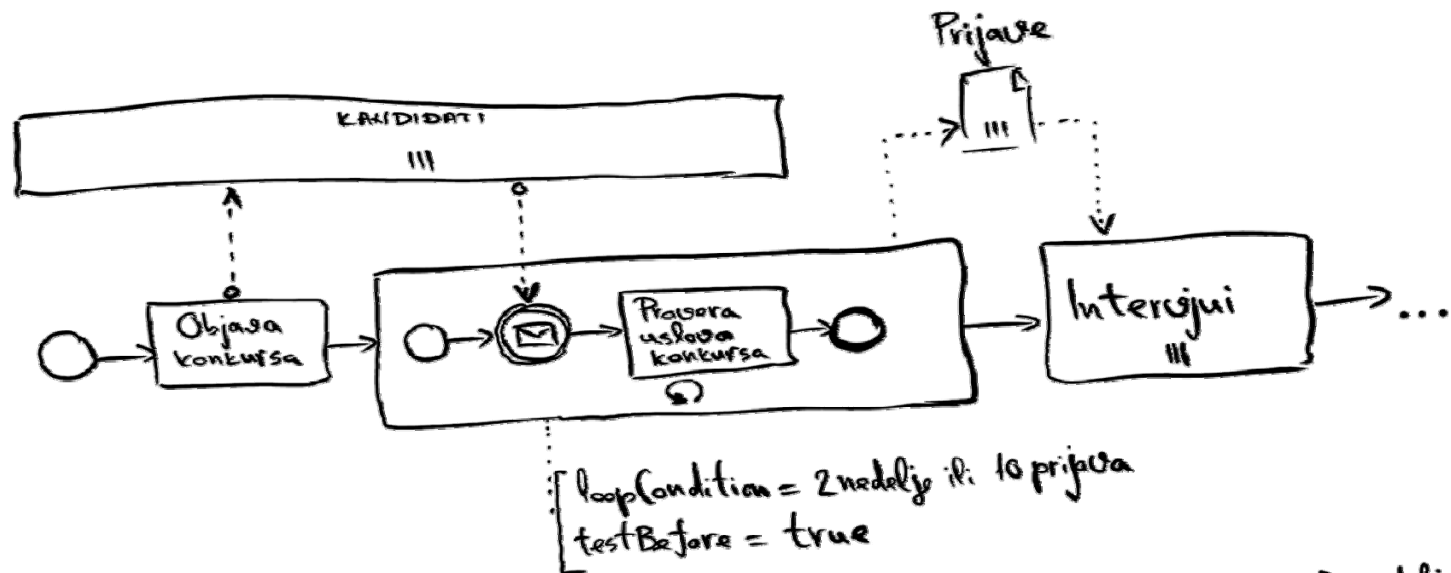
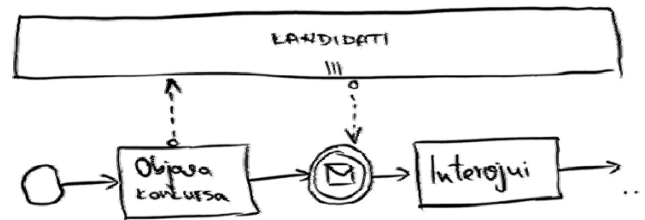
Primer 14.

Posmatra se proces zapošljavanja. Nakon objavljivanja konkursa, kandidati šalju svoje prijave. Prijem prijava se završava čim prvih 10 prijava budu primljene ili nakon dve nedelje trajanja prijema. Svaka prijava najpre treba da bude proverena da li odgovara uslovima konkursa. Nakon prijema prijava, obavljaju se intervjui sa prijavljenim kandidatima.

a) Kreirati dijagram modela poslovnog procesa u BPMN .

b) Navesti kako bi izgledao dijagram ako se pretpostavi da se nakon prijema svake od prijave i provere uslova, sprovodi intervju sa kandidatom. Za vreme trajanja intervjua, prijem prijava se i dalje sprovodi. Čim prvi kandidat bude odabran, završava se prijem prijava.

c) Navesti kako bi izgledao dijagrama ako se pretpostavi da se nakon prijema svake od prijave i provere uslova, sprovodi intervju sa kandidatom, međutim intervjui se obavljaju jednom nedeljno, sa do tog trenutka prijavljenim kandidatima. Za vreme trajanja intervjua, prijem prijava se i dalje sprovodi. Čim prvi kandidat bude odabran, završava se prijem prijava.



12.12.2012



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[2 modelje istovremeno, 10 prijavi pristiglo
ili kandidat odabran

