|  |  |
| --- | --- |
| **FON** | Projektni zadatak |

UNAPREĐIVANJE PROCESA

“PRIPREMA DORUČKA ZA TRI OSOBE”

POBOLJŠAVANJEM METODA RADA

IV DEO – PROUČAVANJE REDOSLEDA

(Karta međuzavisnih zahvata)

|  |  |  |
| --- | --- | --- |
| Oznaka tima | Broj indeksa | Prezime i ime |
|  |  |  |
|  |  |
|  |  |

Beograd, 2019

|  |  |
| --- | --- |
| **FON** | Opis problema |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Proizvod: |  | Snimač: |  |  |  |
| Pogon: |  | Datum: |  |  |  |

**Zadatak 4. Priprema doručka za tri osobe**

OPIS PROBLEMA

CILJ

KRITERIJUM

OGRANIČENJA

ALGORITAM

1. Snimiti postojeće stanje kartom međuzavisnih zahvata
2. Analizirati postojeće stanje
3. Projektovati novo rešenje istom kartom
4. Proračunati uštede prema datim kriterijumima u apsolutnim i relativnim pokazateljima
5. Objasniti kako se predloženim rešenjem deluje na opisani problem

|  |  |
| --- | --- |
| **FON** | Opis problema |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Proizvod: |  | Snimač: |  |  |  |
| Pogon: |  | Datum: |  |  |  |

*Slika 1. Raspored opreme*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **FON** | Pogon | | Šifra pogona | Proizvod | | Šifra proizvoda |
|  | |  |  | |  |
| Radno mesto |  | | | Šifra RM. |  |
| Operacija |  | | | Šifra operacije |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Opis operacije | Uslovi rada |  | Rekapitulacija stanja | | |
|  |  |  | Opis veličine | Jedinica mere | Stanje |
| Radnik |  |  |  |  |
| Zapisnik |  |  |  |  |
| Lista opreme |  |  |  |  |
| Raspored |  |  |  |  |
| Redosled |  |  |  |  |
| Međuzavisnost |  |  |  |  |
| **KARTA MEĐUZAVISNIH ZAHVATA** | Tok: **rada** / predmeta rada | | **Postojeće** / Novo stanje | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **R1:** | | | | | **R2:** | | | | | **R3:** | | | | | **R4:** | | | | |
| T | Opis | t | tip | | | Opis | t | tip | | | Opis | t | tip | | | Opis | t | tip | | |
| **[ ]** | zahvata |  |  |  |  | zahvata |  |  |  |  | zahvata |  |  |  |  | zahvata |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FON** | Radno mesto |  | Šifra RM. |  |
| Operacija |  | Šifra operacije |  |

|  |
| --- |
| Razdvajanje |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FON** | Radno mesto |  | Šifra RM. |  |
| Operacija |  | Šifra operacije |  |

|  |  |
| --- | --- |
| Kritika | Ideje |

|  |  |
| --- | --- |
|  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FON** | Radno mesto |  | Šifra RM. |  |
| Operacija |  | Šifra operacije |  |

|  |
| --- |
| Sinteza |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **FON** | Pogon | | Šifra pogona | Proizvod | | Šifra proizvoda |
|  | |  |  | |  |
| Radno mesto |  | | | Šifra RM. |  |
| Operacija |  | | | Šifra operacije |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Opis operacije | Uslovi rada |  | Rekapitulacija stanja | | |
|  |  |  | Opis veličine | Jedinica mere | Stanje |
| Radnik |  |  |  |  |
| Zapisnik |  |  |  |  |
| Lista opreme |  |  |  |  |
| Raspored |  |  |  |  |
| Redosled |  |  |  |  |
| Međuzavisnost |  |  |  |  |
| **KARTA MEĐUZAVISNIH ZAHVATA** | Tok: **rada** / predmeta rada | | Postojeće / **Novo stanje** | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **R1:** | | | | | **R2:** | | | | | **R3:** | | | | | **R4:** | | | | |
| T | Opis | t | tip | | | Opis | t | tip | | | Opis | t | tip | | | Opis | t | tip | | |
| **[ ]** | zahvata |  |  |  |  | zahvata |  |  |  |  | zahvata |  |  |  |  | zahvata |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
|  |  | |  |  |  | |  |  | |  |  |  |  |  | |  |  | |  |  |  | |  |  |  |  | |
| **FON** | | | Pogon | | | | | | | Šifra pogona | | | | | | Proizvod | | | | | | | Šifra proizvoda | | | | |
|  | | | | | | |  | | | | | |  | | | | | | |  | | | | |
| Radno mesto | | | |  | | | | | | | | | | | | Šifra RM. | | | |  | | | | |
| Operacija | | | |  | | | | | | | | | | | | Šifra operacije | | | |  | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Opis operacije | Rekapitulacija stanja i ušteda | | | | | |
|  | Opis | Jedinica | Stanje | | Očekivane uštede | |
| veličine | mere | Postojeće | Novo | **ΔNS** | **ηNS** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| ; | | | | | |

|  |
| --- |
| Rekapitulacija ušteda |