|  |  |
| --- | --- |
| **FON** | Projektni zadatak |
| UNAPREĐIVANJE PROCESA  “POSTAVLJANJE STOLA ZA SVEČANI RUČAK ZA ŠEST OSOBA”  POBOLJŠAVANJEM METODA RADA  II DEO – PROUČAVANJE REDOSLEDA  (Karta prostornog rasporeda i redosleda zahvata i Karta zahvata)   |  |  |  | | --- | --- | --- | | Oznaka tima | Broj indeksa | Prezime i ime | |  |  |  | |  |  | |  |  | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **FON** | | Opis problema | | | | |
| Proizvod: |  | | Snimač: |  | Indeks: |  |
| Pogon: |  | | Datum: |  |  |  |
| **Postavljanje stola za svečani ručak za šest osoba**  OPIS PROBLEMA  CILJ  KRITERIJUM  OGRANIČENJA  ALGORITAM   1. Snimiti postojeće stanje kartom prostornog rasporeda i redosleda zahvata i kartom zahvata 2. Analizirati postojeće stanje 3. Projektovati novo rešenje istim kartama 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: |  | Indeks: |  |
| Pogon: |  | | Datum: |  |  |  |
|  | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **FON** | Pogon | | Proizvod | | |
|  | |  | | |
| **Karta prostornog rasporeda i redosleda zahvata** | Pogon |  | | | |
| Proces |  | | | |
| Opis operacije | Lista opreme |  | Rekapitulacija | | |
|  | Uslovi rada |  | Opis veličine | Jedinica mere | Stanje |
| Radnik |  |  |  |  |
| Redosled |  |  |  |  |
| Međuzavisnost |  |  |  |  |
| Tok rada / materijala | |  |  |  |
| Razmera: | | Postojeće / ~~Novo~~ stanje | | |
|  | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 ZAHVATA** | | | | Tok: rada / predmeta rada | | | | | | Postojeće / ~~Novo~~ stanje | | | | | | | | | | | | | |
| RB | Opis zahvata | | | | | | | q  [kg] | l  [m] | | t  [min] | | **Simboli zahvata** | | | | | | | | f  [1:1] | | Primedbe |
|  |  |  | |  |  |  | |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 | | Proizvod | | |
|  | |  | | |
| **Karta prostornog rasporeda i redosleda zahvata** | Pogon |  | | | |
| Proces |  | | | |
| Opis operacije | Lista opreme |  | Rekapitulacija | | |
|  | Uslovi rada |  | Opis veličine | Jedinica mere | Stanje |
| Radnik |  |  |  |  |
| Redosled |  |  |  |  |
| Međuzavisnost |  |  |  |  |
| Tok rada / materijala | |  |  |  |
| Razmera: | | ~~Postojeće~~ / Novo stanje | | |
|  | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 ZAHVATA** | | | | Tok: rada / predmeta rada | | | | | | ~~Postojeće~~ / Novo stanje | | | | | | | | | | | | | |
| RB | Opis zahvata | | | | | | | q  [kg] | l  [m] | | t  [min] | | **Simboli zahvata** | | | | | | | | f  [1:1] | | Primedbe |
|  |  |  | |  |  |  | |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |
|  |  | | | | | | |  |  | |  | |  |  |  | |  |  |  | |  | |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **FON** | Pogon | | | Šifra pogona | | | Proizvod | | | | Šifra proizvoda | |
|  | | |  | | |  | | | |  | |
| Radno mesto |  | | | | | | | Šifra RM. | |  | |
| Operacija |  | | | | | | | Šifra operacije | |  | |
| Opis operacije | | | Rekapitulacija stanja i ušteda | | | | | | | | | |
|  | | | Opis  veličine | | Jedinica mere | Stanje | | | | Očekivane uštede | | |
| Postojeće | | Novo | | ΔNS | | ηNS |
|  | |  |  | |  | |  | |  |
|  | |  |  | |  | |  | |  |
|  | |  |  | |  | |  | |  |
|  | |  |  | |  | |  | |  |
|  | |  |  | |  | |  | |  |
| ; | | | | | | | | | |
| Rekapitulacija ušteda | | | | | | | | | | | | |
|  | | | | | | | | | | | | |