```
                        start

              Employee log in to system

              Open vacation request page

           system displays available vacations
                   types and balances

try again      Employee selects vacation type

              Enters requested data of vacation

                      submit request

                  system check vacation type and data and balance sufficient

        No                                    yes
                        valid=?

                                     system send email of request to
```

system send error msg for emloyee

system send email of request to manager

system send confirmation message to emloyee

system send all data of request and pending state for save

DB

End