



Book A Desk

SGT JAVA 31_01
Group 1 Final project
21-Sep-2022

Use case

Designed to support hybrid work mode in coworking space the application allows to manage a catalogue of working places with some needed details and to book a workspace for the particular time period. It has 2 segregated roles:

- the one managing the catalogue
- the one booking a workplace. It is possible to list booked/free workplaces for both Roles.

GitHub repository:

https://github.com/IneseZil/SGT3101_group1_FinalProject



The Team

Nelliya Agapova

- Project idea
- The flow
- “Manager” methods

Inese Zilinska

- DB/SQL/selects
- “Employee” methods
- Main & Login code
- GitHub | Readme

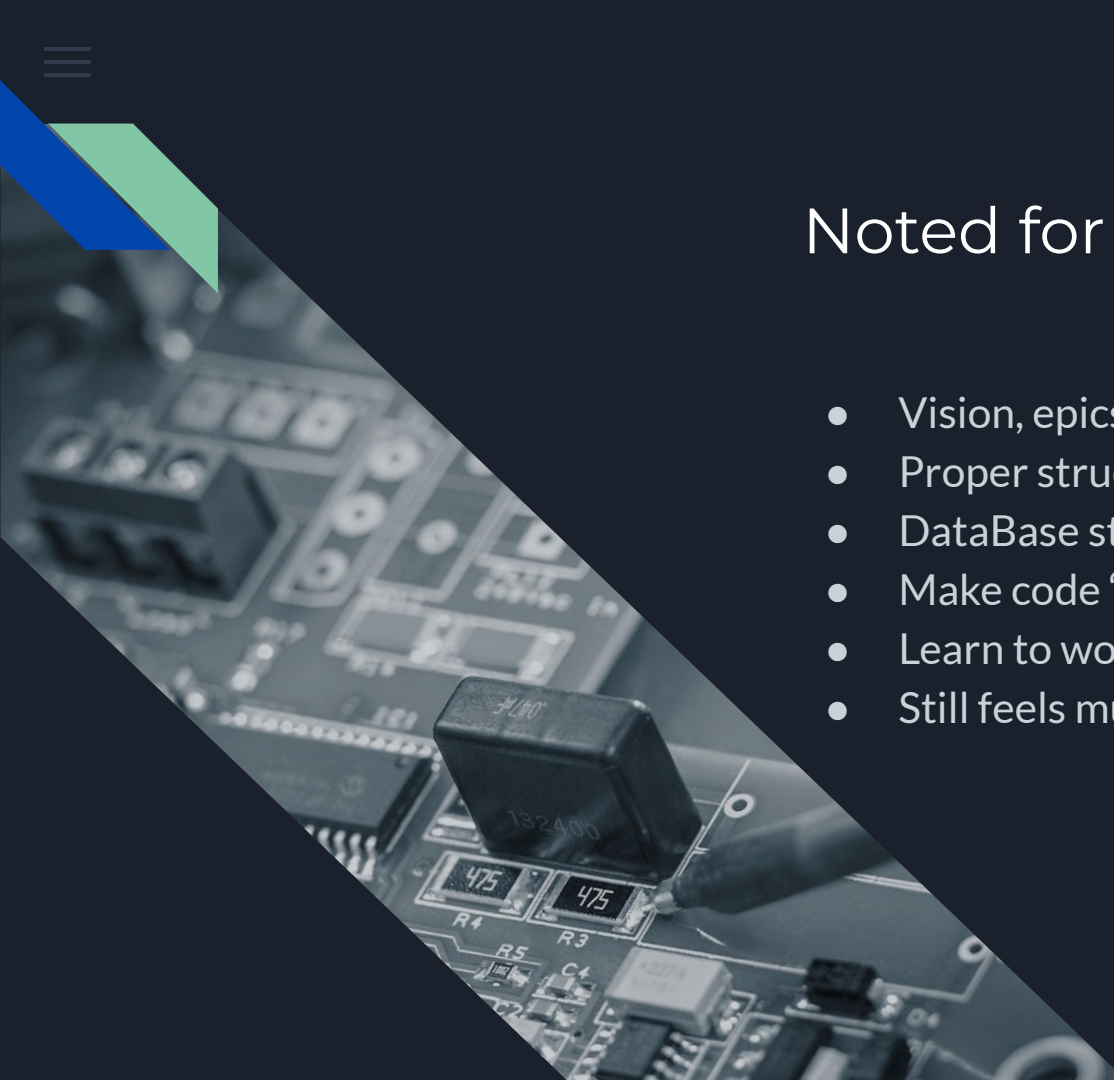


Challenges

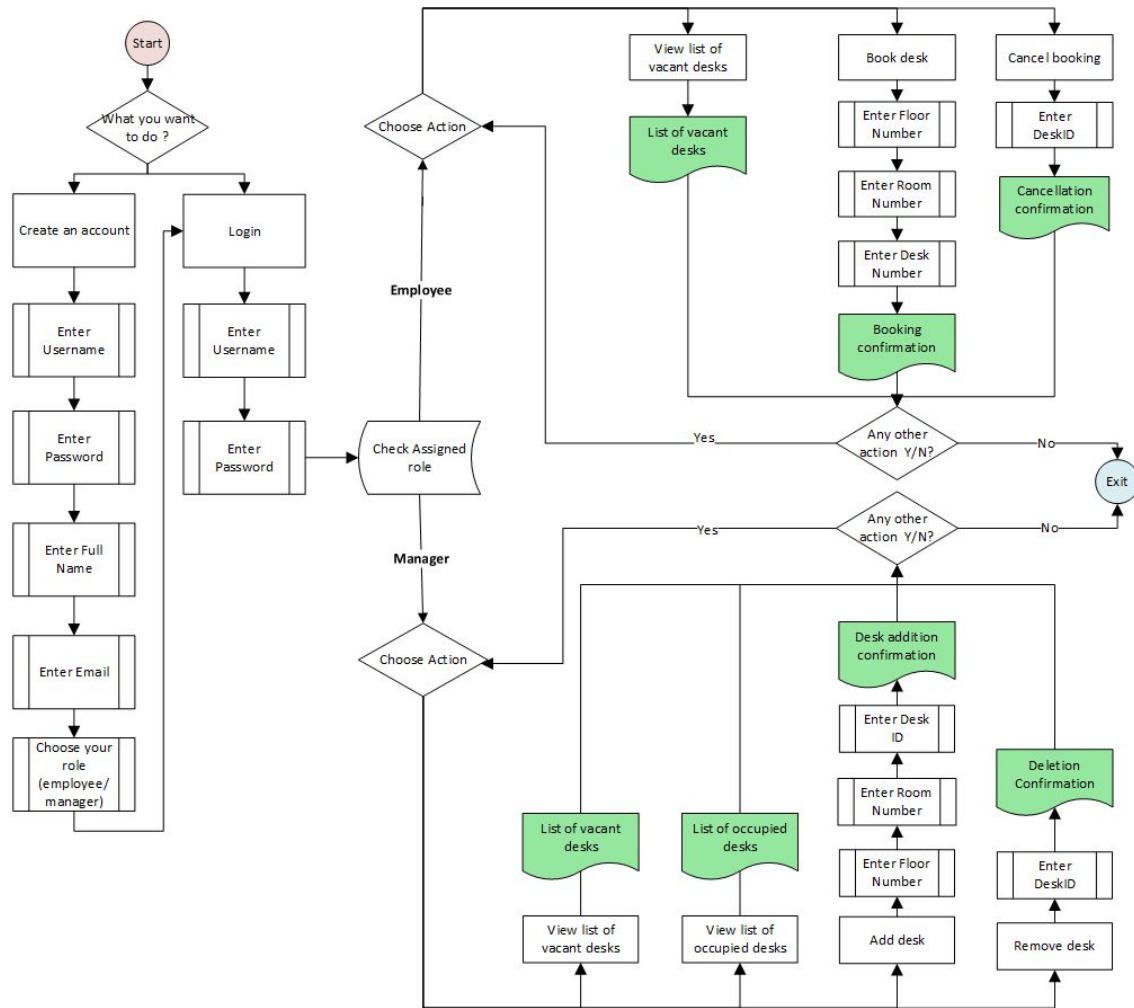
- Limited time & “big elephant”
- Schedule constraints despite we are the small team
- Different approach to code/structure
- Compiling the code manually (not using github/branching)
- Messy initial code
- Few issues when connecting to the DB & initial connection to git remote



Noted for the future

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- Vision, epics and groomed stories beforehand
 - Proper structure of the solution before coding
 - DataBase structure to be able to scale in the future
 - Make code “beautiful” initially
 - Learn to work in different branches :)
 - Still feels much better when the team is colocated

Flow diagram



DataBase diagram

BookADesk_database diagram

September 19, 2022

Diagram Key

- Existing table
- Primary key
- Foreign key

Workplaces	
wplaceID	Varchar
floor	Integer (1)
room	Integer (2)
deskID	Integer (3)
occupied	Varchar (1)
dateFrom	Varchar (8)
dateTo	Varchar (8)
userID	Integer (11)



Users	
userID	Integer (11)
userName	Varchar (45)
password	Varchar (45)
fullName	Varchar (45)
userEmail	Varchar (45)
userRole	Varchar (1)



Known improvements

- Known bug after user registration (occured 15 mins ago!)
- To move Booking records to a separate table
- Enable filtering by active user
- Enable filtering by dates (free/occupied)
- Enrich with attributes (i.e. Monitor, docking station)
- Improve validations of users' inputs
- Add "my recently booked" feature



We are proud to get it
done!

Thank you :-) for all the
fun together!

