



Human Computer Interaction Project

Project title: Desk Setup

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Problem Statement

To develop an interactive desk setup which helps the user to make a right setup and depending on the desk size allows the user to choose the kind of setup he / she wants.

This interface is easy to use and manage and also keep the desk appropriate and neat. It helps in reducing the cluttering of desks which is a common problem in most workplaces.



Need Finding

One [study by Herman Miller](#) found that workplace design had "a small but consistent and real influence" on workers' performance—increasing productivity as much as 16% and job satisfaction by 9%. Consider your desk setup across the four features below to get more work done during the day with less effort.

1. Lighting
2. Plants
3. Temperature
4. Keep things close to you that are really helpful.

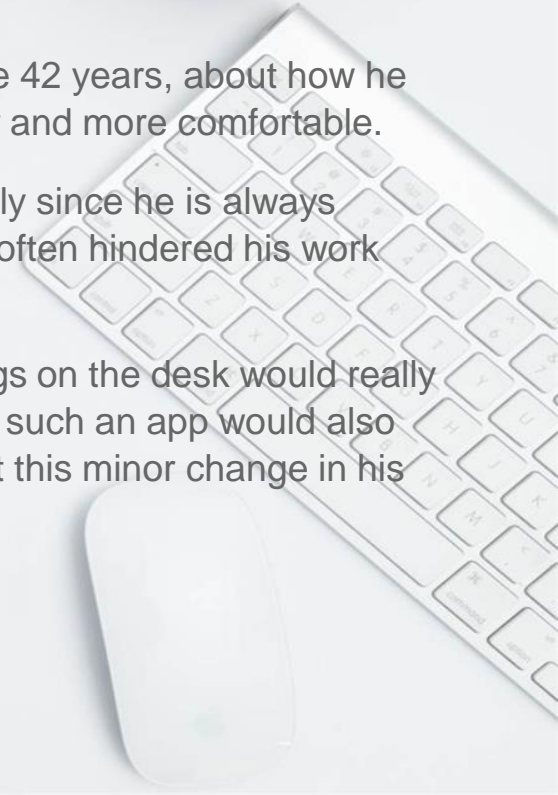


Interview 1

We interviewed a Mr. John Doe (name changed over privacy concerns), age 42 years, about how he sets up his desk at his workplace and how we could help him make it easier and more comfortable.

Mr. John Doe told us that he barely has any time to arrange his desk properly since he is always occupied by his work. He also mentioned that the cluttering of his desk has often hindered his work efficiency and has resulted in him dropping many items by mistake.

Mr. John Doe felt that an app that would suggest on where to place his things on the desk would really help him by making his desk cleaner and less cluttered. He also told us that such an app would also help him to not lose items, like he would in a cluttered desk. He also felt that this minor change in his lifestyle would make him more efficient and less stressed about his job.

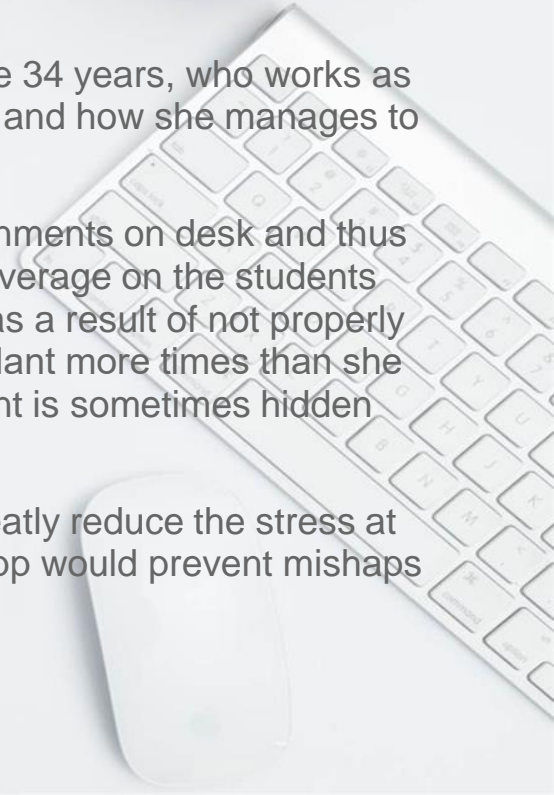


Interview 2

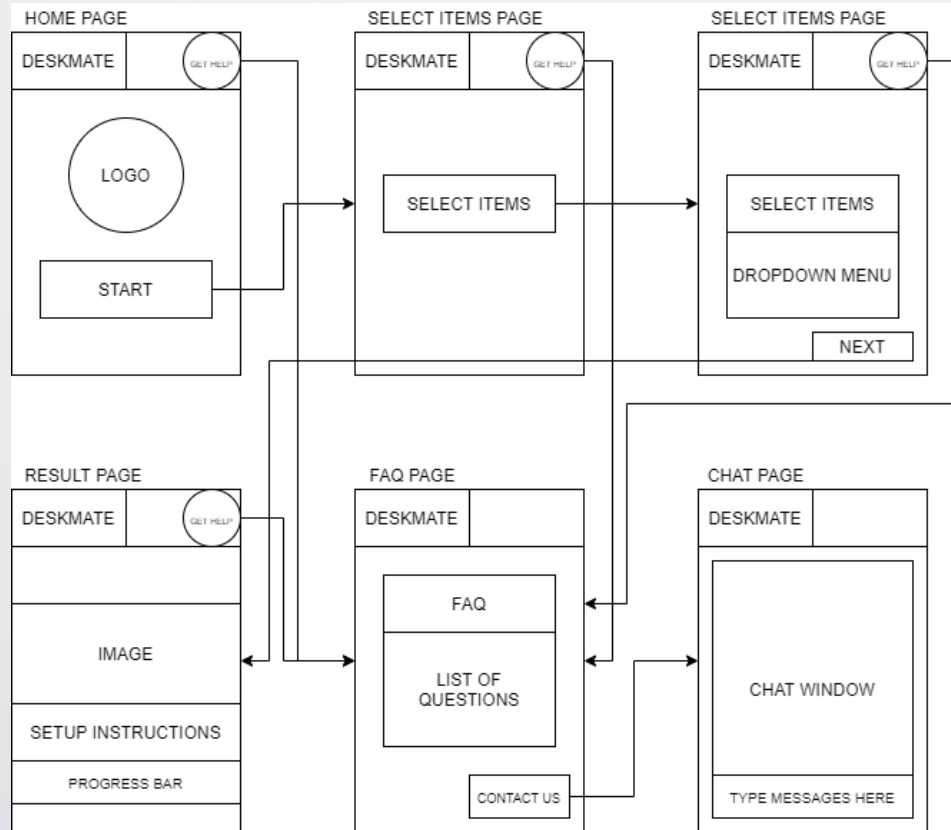
We interviewed a Ms. Jane Doe (name changed over privacy concerns), age 34 years, who works as a teacher in a school about how she sets up her desk at her office at school and how she manages to keep an organised desk given that she takes care of hundreds of students

Ms. Jane Doe told us that she has a system of keeping only the latest assignments on desk and thus having a small sense of organisation. She admitted that she has spilt her beverage on the students assignment more times than she can remember. She feels that this occurs as a result of not properly organising things. She also told us that she's forgotten to water her indoor plant more times than she can care to admit. According to her this is mainly due to the fact that the plant is sometimes hidden behind all the other items on her desk.

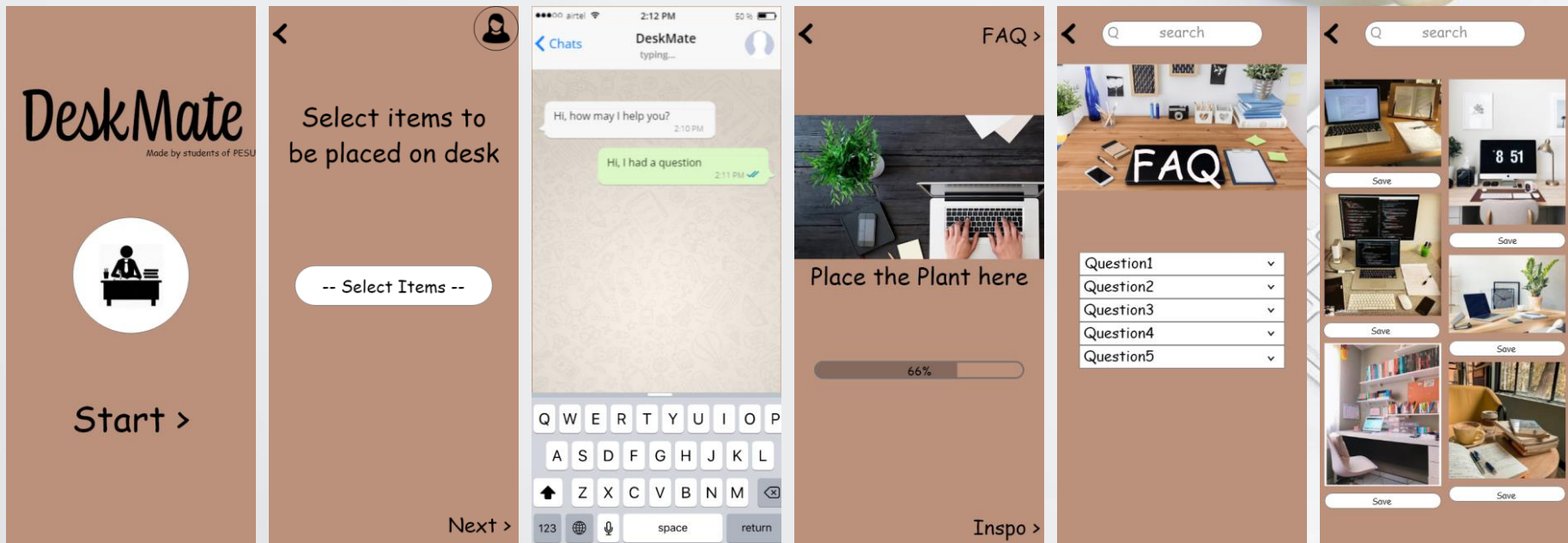
She feels that having an app that helps one organise his/her desk would greatly reduce the stress at School for her and make her calmer at work. She also thinks that such an app would prevent mishaps and would make her life a lot easier.



Low Fidelity Prototype



High Fidelity prototype



Heuristic Evaluation

Heuristic	Pinterest	DeskMate
Visibility of system status	Not done	Partially done
Match between the system and the real world	Partially done	Partially done
User control and freedom	Yes	No
Consistency and standards	Done	Done
Error prevention	Done	Partially done (low possibility of error)
Recognition rather than recall	Done	Partially done
Flexibility and efficiency of use	Convenient	Done
Aesthetic and minimalist design	Yes	Yes
Help users recognize, diagnose, and recover from errors	No	Yes
Help and documentation	Yes	Yes



THANK YOU

