Meeting #8 (15 Oct 2023) with Dr. Mohamed Saleh

1. Discussion

* Suggested features:
* Label that shows last modified (for each app passwords)
* Menu bar to auto open apps
* Locking screenshot & screen record
* auto delete clipboard
* We can build our app based on tiers (1=Basic; 2=Improved; 3=Advanced)

One of the features that can be included in Tier 3: auto update of password with registered app

* Local apps may have API to include credentials to auto login (it will create a process that can be used to execute an app.
* We can have a local DB of apps that have this feature
* “Assumes your system is hacked”
* maybe we can isolate some parts for eg. Lock DB & prevent access by the system itself
* Remarks:
* Chapter of Future work: for future improvements of the app
* Because of:
* these features are less important than
* time constraints
* 3rd 4th norm for SQL
* Do the analysis properly from now (so you don’t waste time), so the implementation will be done directly.
* Think of it as “preparing the document to give it to the implementation team” Between this and the implementation is the design (contains the objects). For small systems I can code then do sequence diagram, but for big system it doesn’t work this way
* Suggested framework to use: flutter
* Remarks about SDP2:
* Implementation: in first 40 should be done
* Evaluation: people use it for a time Then testing

1. Outcomes

* Properly finish the design & detailed system analysis
* Start the implementation (basic front end & main stuff in backend)
* Need to think about the security architecture
* Think of actual worst scenario (for eg. System gets hacked)
* Set the app development tiers & start tackling Tier 1

Tasks (for next meeting): -uploaded in Asana-

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| --- | --- | --- | --- |
| Name | Tasks | Name | Task |
| Khalifa |  | Essa |  |
| Youssef |  | Mohamed-Dhia |  |

|  |  |
| --- | --- |
| Name | Bonus Tasks |
| Essa & Khalifa |  |
| Youssef & Mohamed-Dhia |  |

Meeting # () Thursday meeting