

IT314 Software Engineering
Winter 2020-21

Project Title: Time for a Break

Group Number: 22

Future Tasks

After an exhaustive requirements analysis, we were able to distill all the essential features required in such a product and those expected and demanded by the users. We started working on these features and implementing them for the final end-product. And we are proud that we were able to accomplish almost all the targets that we had set. We have included a majority of the features in our final product with many suitable variations that make our app more user-friendly.

But, as with any project, a team cannot tick all the boxes, and there are some things that remain on the to-do list. We tried our best to implement these features too, but given the paucity of time, we were not able to finish the below-given requirements in time for the final deployment:-

- **Postpone Functionality**
 - We wanted the users to be able to postpone breaks for some seconds, i.e., you can delay your scheduled break by some time.
 - In case the user is working on something, it is not possible to leave that task right away and take a break.
 - So, with the postpone feature, the user can prepare to pause the work they are doing, and take a break after some seconds.
- **Storing Data when the Device Shuts Down?**
 - In case the device unexpectedly shuts down mid-way in a session, the product cannot store the data regarding that for the Report generation.
 - The primary reason for not implementing this is that the 'shutdown' event of the powermonitor module in Electron(the JavaScript framework we have used) is not available for Windows.
- **Testing the Product**
 - We were able to perform some form of testing on our product but were unable to formalize the test suite and make it ready for final commits in time
 - We performed GUI Testing, Static Analysis of Code, and Black Box testing to some degree, but the results are not comprehensive and complete and hence cannot be added to the official repository
 - The primary reason for not being able to finish testing was the paucity of time.