

IT314 Software Engineering
Winter 2020-21

Project Title: Time for a Break

Group Number: 22

Contributions Document

Project Manager: Visaj Nirav Shah (201801016)

- Group Leader responsibilities
- Software Requirements Specification (SRS) Document
 - Product Description
 - Stakeholders, Users
 - Requirements Elicitation
 - Non-Functional requirements
 - Future Scope
- Front-end pages (HTML, CSS): Schedule, Resources
- Future Tasks (requirements not completed) document
- Automated Static Analysis
 - Used DeepSource
- Manual GUI Testing
- Product Demo Video
- GitHub Repository management
- Presentation for Final Assessment
- Regular contributions in Lab Project activities

Aditya Shah (201801008)

- Worked on Idea Module/Functionality
 - Code for maintaining dynamic list of user inputted ideas and
 - Randomly displaying one of the them during the break time in the break window
- Worked on Use case diagram in lab sessions along with UCD of the project
- Helped in integration of Music Module of application

Ravi Patel (201801046)

- Implemented Notification and Tray functionality (Backend)
 - Notification : handled from the settings page
 - Tray : to quit the application and to reopen the home page if already closed

- Worked on the implementation part in main.js (entry point of the app) to organize different processes and their inter process communications (with the help of IPC).
- Used the concept of power monitor module of electron framework to manage system modes.
- Implemented settings functionality to handle notifications and strict mode
- Frontend design
- Worked on Use case Diagram and its description table during the lab as well as for the final project.
- Managing break windows(short / long): their trigger and skip options.
- Making all windows and processes integrated and consistent with proper working and adapting their modules with the main application.
- Manual GUI testing.

Zeal Kapadiya (201801085)

- home page(css) and Settings page(html and css)
- Worked on making SRS
- Worked on making ppt
- Worked on Black box testing for the project.

Darshan Vaghela (201801144)

- Worked on UI designing in the FIGMA app.
- Worked on frontend in home page(html) and Report page(html & css).
- Worked on UCD diagram and helped in Activity diagram.

Harsh Rajani (201801154)

- Worked on Report functionality backend
- Worked on Concept map
- Worked on activity diagram in mid assessment

Meet Parmar (201801195)

- Worked on About.html and About.css [Front-End] for the project

- Worked on State Diagram for the project
- Worked on non-functional requirements during the labs

Vyom Modi (201801219)

- Worked on Timer functionality(Backend) which creates a timer and provides long break or short break at regular intervals.
- Worked on schedule functionality(Backend) to update duration and frequency of Timer.
- Added skip long/short break functionality for Timer.
- Maintain data for Report generation (i.e total no of skip longbreak ,no of skip short break,total long break and total short break) using local storage.
- make data consistent for unintentional quit application i.e system sleep or lock.
- Making all windows and processes consistent and integrated with proper working.
- Worked on Activity diagram of project as well as for a lab Activity.
- helped in the State Diagram of the project.
- Manual GUI Testing.
- Automated Static analysis .

Mihir Dangar (201801220)

- Worked on State Diagram
- Worked on Break Pages: Frontend(HTML, CSS)
- PPT

Manan Makwana (201801233)

- Worked on Music Module/Functionality (Backend)
 - Code for maintaining dynamic list of user inputted music and
 - Randomly playing one of them during the break(if the user clicks the button) time in the break window.
 - Added fade-out Functionality for the music in the break time.
- Worked on Sequence Diagrams for Our App.
- Lab Contribution in Use case Diagram.