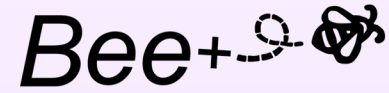




CS 492 - SENIOR DESIGN PROJECT

SUPERVISOR: ÖZGÜR ULUSOY

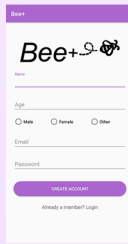
JURY MEMBERS: İBRAHİM KÖRPEOĞLU
UGUR GÜDÜKBAY



ABSTRACT

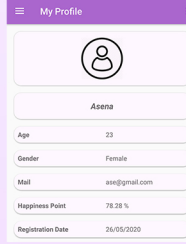
Bee+ (Pronounced: **Be[e] Positive**) is a mobile application that will help people to achieve a more positive outlook on their life and overcome depressive thought patterns. This will enable our users to gain a new perspective they will carry throughout their lives instead of just making them happy for the day.

HOW TO SIGN-UP



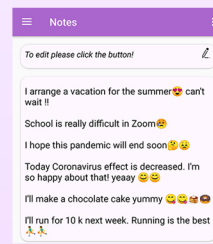
The aim of the project that make people have more positive perspective to the life is coming from a scientific research. The application needs to be stable and avoid any interruptions/crashes.

USER PROFILE



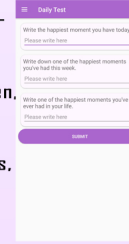
You can view your personal information such as name, email addresses, age, gender, happiness points etc. in your profile screen.

HOW TO TAKE NOTES



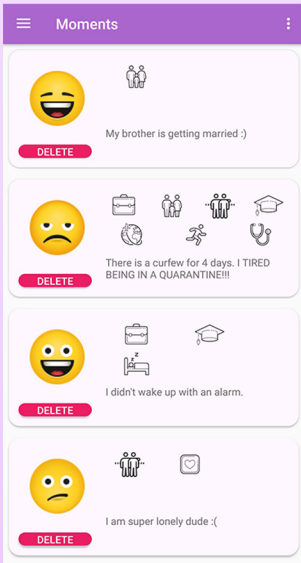
You can create personalized notes by clicking the pencil button on the screen, in this way you can record your thoughts, TODO lists, and ideas to make your day-to-day planning moments

DAILY TEST



Writing positive experiences in 21 consecutive days gains people a more positive outlook on their life and overcome depressive thought patterns. Therefore, we will ask you your positive experiences in a daily test everyday.

MOMENTS

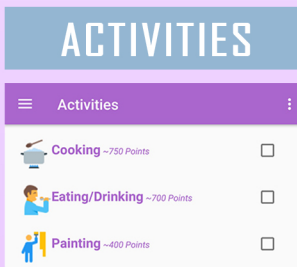
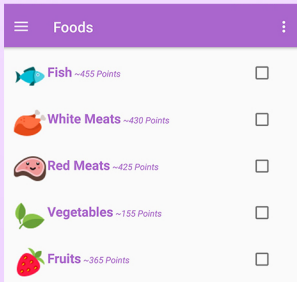


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You can capture all the important moments in your life. Creating moments will allow you to track what you are doing and how you are feeling throughout the day. You can view the moments which you created. This will allow you to track your feelings throughout the day. Therefore, as you keep writing your moments, you will be able to focus your time into things that truly make you the happiest version of yourself. You can also delete the moments that you created.

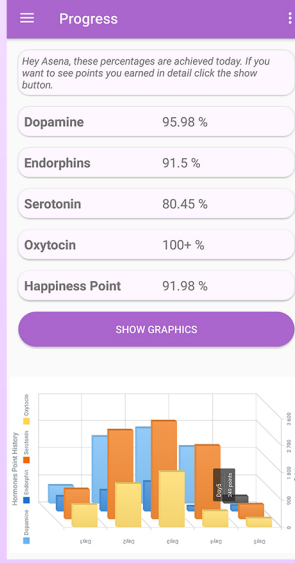
FOOD SCREEN



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We gave points to foods and activities based on whether they provide certain happiness hormones or not. You can enter the foods that you eat, and activities you do during the day, and after saving it you will be led to the My Profile screen where you will be able to see your final happiness points.

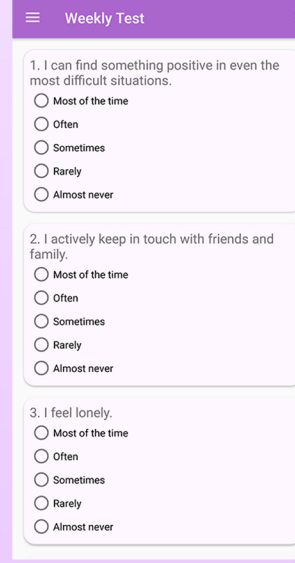
PROGRESS



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After saving your activities and food information to the system, you can see your DOSE percentage in the Progress screen. The percentage calculated with a formulation that we created according to our research. By clicking the 'Show Graphics' button, you can see your hormones point history day by day via the graphic.

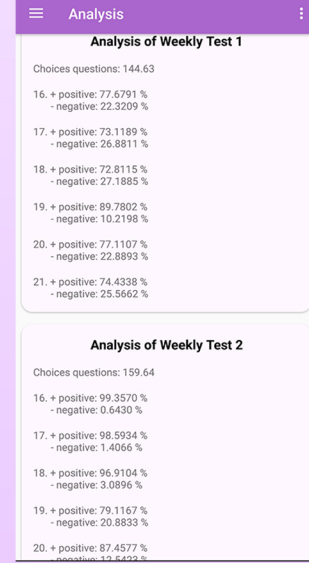
WEEKLY TEST



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You will fill this weekly test every week, starting from the time that you registered to the system. According to your answers you will be able to see your progress week by week on the analysis screen with the help of the sentiment analysis. Therefore, you can track your mood through the app.

ANALYSIS



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It will show your positivity and negativity percentage based on your answers to the open-ended questions, plus, the multiple choice in the weekly test. As you keep using Bee+, you will see that your positivity will increase.

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