

Adaptive Mathematics Learning Platform

Adaptīvā matemātikas mācību platforma

“SkillSync”

Description of the solution (Risinājuma apraksts):

We aim to assist students in grades 10-12 to improve their performance in mathematics. Often, students within the same class find themselves at different levels of proficiency, and traditional teaching methods may not cater to all.

Our website, 'SkillSync,' is designed to offer a personalized learning experience. Here, students can select specific mathematics topics they might have an upcoming test on. They can take a standard knowledge test on their desired topic, and 'SkillSync' will provide references to the specific tasks or topics the student needs to work on.

Our approach eliminates confusion by providing clear direction on areas that need improvement. By identifying strengths and weaknesses, students can focus their efforts efficiently. 'SkillSync' continuously adapts, introducing new challenges or tasks until the user has strengthened their weaker areas, empowering them to confidently excel in their upcoming tests.

Link to solution prototype (Saite uz risinājuma prototipu):

<https://www.figma.com/file/htnbB6hTPJN7Pf7MVdrw7T/SkillSync?type=design&node-id=0%3A1&mode=design&t=1sSjlzXJl4sMhLYR-1>

Link to video presentation (Saite uz video prezentāciju):

<https://youtu.be/L29rxM7qN84>