Team 2 | CSC 4350 Software Engineering

Adaptive AI Study Tool   
Product Back Log

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| **ID** | **Story ID** | **Story Name** | **Short Description/ Task** | **Story # and details** | **Sprint Cycle Number** | **Resources working** | **Hardware or Software** | **Progress** |
| 1.1 | 1 | Home page | Design a homepage that's super easy to understand and helps you find your way around the web-app. | Story 1 | 1 | AA ZA | Software | In-progress |
| 1.2 | 1 | Home page | **Put sections on the homepage that allow clean and easy navigation to where you want to go.** | Story 1 | 1 | KB MS | Software | In-progress |
| 1.3 | 1 | Home page | **Make sure the homepage works well on all sorts of devices and screen sizes.** | Story 1 | 1 | MM AA | Software | In-progress |
| 2.1 | 2 | Register (sign -up) | Setup the "Sign Up" or "Register" button on the homepage | Story 2 | 2 | ZA KB | Software | Not started |
| 2.2 | 2 | Register (sign -up) | On the Registration Page, users should see fields for Full Name, Email Address, and Password. The required fields should be clearly marked | Story 2 | 2 | MS MM | Software | Not started |
| 2.3 | 2 | Register (sign -up) | Create page for user to agree to the app's terms and conditions or privacy policy by checking a box or clicking a button. | Story 2 | 2 | AA KB | Software | Not Started |
| 2.4 | 2 | Register (sign -up) | create "Sign Up" or "Register," once clicked their registration should be processed, and they get a confirmation message or email | Story 2 | 2 | ZA MM | Software | Not Started |
| 2.5 | 2 | Register (sign -up) | If the user gives wrong information like an incorrect email format or an invalid password, they'll get an error message telling them what needs fixing. | Story 2 | 2 | MS AA | Software | Not Started |
| 3.1 | 3 | Log-in | When the user opens the AI Adaptive Study Timer app and clicks "Login" or "Sign In" on the homepage, they'll go to the Login Page. | Story 3 | 3 | KP MM | Software | Not Started |
| 3.2 | 3 | Log-in | On the Login Page, users should find fields for their registered email address and password, and it should be clear which fields are required. | Story 3 | 3 | AA ZA | Software | Not Started |
| 3.3 | 3 | Log-in | Once the user fills in their login info and clicks "Login" or "Sign In," the system will check and validate their information. | Story 3 | 3 | ZA MM | Software | Not Started |
| 3.4 | 3 | Log-in | If the user enters the wrong login details, like an incorrect email or password, they'll see an error message saying their login information is incorrect. | Story 3 | 3 | MS KB | Software | Not Started |
| 3.5 | 3 | Log-in | Users can click on a "Forgot Password" link on the Login Page. They will receive an email with instructions to reset their password. | Story 3 | 3 | AA MM | Software | Not Started |
| 4.1 | 4 | Cards /Goals for Subjects | An intuitive UI is essential for user adoption and engagement. | Story 4 | 4 | AA KB | Software | Not Started |
| 4.2 | 4 | Cards /Goals for Subjects | Users will start by naming and briefly describing the study subject. | Story 4 | 4 | MS MM | Software | Not Started |
| 4.3 | 4 | Cards /Goals for Subjects | Clear goals facilitate structured studying and progress tracking. | Story 4 | 4 | ZA AA | Software | Not Started |
| 4.4 | 4 | Cards /Goals for Subjects | Visual indicators of progress can motivate users and provide a sense of accomplishment. | Story 4 | 4 | MM KB | Software | Not Started |
| 4.5 | 4 | Cards /Goals for Subjects | Study plans might evolve, and users should be able to adapt their goals accordingly. | Story 4, | 4 | MM KB | Software | Not Started |
| 4.6 | 4 | Cards /Goals for Subjects | . Users should have the flexibility to declutter their dashboard by removing or archiving completed or irrelevant cards. | Story 4, | 4 | ZA AA | Software | Not Started |
| 4.7 | 4 | Cards /Goals for Subjects | Effective organization can simplify navigation and study planning. | Strory 6, | 4 | MM KB | Software | Not Started |
| 4.8 | 4 | Cards /Goals for Subjects | Users may access the software on different devices, ensuring a consistent experience is crucial. | Stroy 6, | 4 | MM AA | Software | Not Started |
| 5.1 | 5 | AI Suggestion | Integrate OpenAI's GPT model to read the data provided by the user | Story 5, | 4 | ZA KB | Software | Not Started |
| 5.2 | 5 | AI Suggestion | Train AI to detect over-commitment/ under commitment in study goals and suggests more sustainable alternatives. | Story 5, | 4 | MS MM | Software | Not Started |
| 5.3 | 5 | AI Suggestion | Design an interactive UI that highlights AI suggestions and prompts, making them easy to understand and act upon. | Story 5, Paragraph 3 | 4 | AA KB | Software | Not Started |
| 5.4 | 5 | AI Suggestion | Enable AI to interpret and understand course syllabuses or outlines, allowing it to provide topic-specific suggestions. | Story 6, | 5 | AA KB MM | Software | Not Started |
| 5.5 | 5 | Ai Suggestion | Ensure AI considers varying learning speeds and styles, offering tailored advice accordingly. | Stroy 6, | 5 | MS ZA | Software | Not Started |
| 6.1 | 6 | Subgoals | Create a friendly interface that lets you set up both big study goals and smaller subgoals. | Story 6 | 6 | MS,MM | Software | Not Started |
| 6.2 | 6 | subgoals | Make sure that these goals and subgoals are organized neatly, like folders within folders, so you can see how they relate. | Story 6 | 6 | KB, ZA | Software | Not Started |
| 6.3 | 6 | subgoals | Allow you to set deadlines and priorities for both the big goals and the subgoals. | Story 6 | 6 | AA,MM,ZA | Software | Not Started |
| 6.4 | 6 | subgoals | When you complete a subgoal, make sure it contributes to the overall progress of your big goal. | Story 6 | 6 | MS,KB,AA | Software | Not Started |
| 7.1 | 7 | Calander | Integrate Google Sign-In API to allow users to log in using their Google account. | Story 7 | 7 | MM,MS | Software | Not Started |
| 7.2 | 7 | Calandar | Integrate Google Calendar API to enable calendar updates and notifications. | Story 7 | 7 | KB,AA | Software | Not Started |
| 7.3 | 7 | Calander | **Create study session reminders on google calendar based on the card info when card is created.** | Story 7 | 7 | MM,ZA,MS | Software | Not Started |
| 7.4 | 7 | Calander | **Provide a clear visual indication on the webapp of upcoming, completed, and missed study sessions.** | Story 7 | 7 | KB,ZA,AA | Software | Not Started |
| 8.1 | 8 | Feedback | Create a user-friendly feedback system. It could be as simple as giving you a star rating or letting you type in your thoughts. | Story 8 | 8 | ZA,MM | Software | Not Started |
| 8.2 | 8 | Feedback | Teach the AI to pop up a message asking for your feedback after each study session or task. | Story 8 | 8 | AA,KB | Software | Not Started |
| 8.3 | 8 | Feedback | Store all the feedback in a database so we can look at it later and improve the study recommendations. | Story 8 | 8 | MS,KB,MM | Software | Not Started |
| 8.4 | 8 | Feedback | Make sure that the feedback you give is linked to the specific study tasks or sessions, so we can understand it better. | Story 8 | 8 | MS,ZA,AA | Software | Not Started |
| 9.1 | 9 | AI analysing previous goals | Integrate OpenAI's GPT model to read the data provided by the user | Story 9 | 9 | MM KB | Software | Not Started |
| 9.2 | 9 | AI analysing previous goals | Train AI to study the data provided and provide more intiutive solutions | Story 9 | 9 | ZA AA | Software | Not Started |
| 9.3 | 9 | AI analysing previous goals | create UI that shows that the AI is constantly updating as more data is being inputted. | Story 9 | 9 | MS MM | Software | Not Started |
| 10.1 | 10 | AI future | Integrate the "AI Goal Assistance" feature within the "Create Goal Card" interface, allowing for smooth interaction. | Story 10 | 10 | KB AA | Software | Not Started |
| 10.2 | 10 | AI future | Develop AI capabilities to analyze initial user input and generate Specific goal suggestions in real-time. | Story 10 | 10 | ZA MS | Software | Not Started |
| 10.3 | 10 | AI future | Guide users, through AI, to establish Measurable aspects of their goal, such as "Read 4 chapters in 7 days". | Story 10 | 10 | MM KB | Software | Not Started |
| 10.4 | 10 | AI future | Ensure the AI, considering user's past study behaviors, recommends Achievable goals to prevent overwhelm. | Story 10 | 10 | AA MS | Software | Not Started |
| 10.5 | 10 | AI future | Program AI to query users on their broader objectives, ensuring the goals they set are Relevant to their aims. | Story 10 | 10 | MM ZA | Software | Not Started |
| 10.6 | 10 | AI future | Equip the AI to suggest a Time-bound aspect, ensuring users recognize the importance of time management. | Story 10 | 10 | A A, MS | Software | Not Started |
| 10.7 | 10 | AI future | Allow user autonomy by enabling them to modify, accept, or decline AI suggestions during goal formulation. | Story 10 | 10 | KB, ZA | Software | Not Started |
| 10.8 | 10 | AI future | Continually refine the AI's algorithm based on user feedback, ensuring its recommendations stay relevant. | Story 10 | 10 | MM, AA | Software | Not Started |
| 11.1 | 11 | 404 page | Design a visually appealing 404 page that aligns with the software's branding. | Story 11 | 11 | KB, AA | Software | Not Started |
| 11.2 | 11 | 404 page | Craft a friendly and creative message indicating the page was not found. | Story 11 | 11 | ZA, MS | Software | Not Started |
| 11.3 | 11 | 404 page | Add quick links or buttons directing users to homepage. | Story 11 | 11 | MM, MS | Software | Not Started |
| 12.1 | 12 | Privacy policy | Design an easily accessible "Privacy Policy" tab/link on the software's landing page. | Story 12 | 12 | KB, AA | Software | Not Started |
| 12.2 | 12 | Privacy policy | Draft a thorough privacy policy that outlines data collection methods and purposes. | Story 12 | 12 | ZA, MS | Software | Not Started |
| 12.3 | 12 | Privacy policy | Elaborate on data storage practices, duration, and security measures in place. | Story 12 | 12 | MM, KB | Software | Not Started |
| 12.4 | 12 | Privacy policy | Detail any third-party sharing, including the reasons and data protection measures. | Story 12 | 12 | MS, AA | Software | Not Started |
| 12.5 | 12 | Privacy policy | Incorporate a section on user rights, e.g., data access, rectification, and deletion. | Story 12 | 12 | ZA, KB | Software | Not Started |
| 12.6 | 12 | Privacy policy | Provide a feature allowing users to download or print the privacy policy. | Story 12 | 12 | MS, MM | Software | Not Started |
| 12.7 | 12 | Privacy policy | Include a mechanism for users to provide consent, like checkboxes during registration. | Story 12 | 12 | AA, KB | Software | Not Started |
| 12.8 | 12 | Privacy policy | Ensure the Privacy Policy page is designed for readability, with clear fonts and spacing. | Story 12 | 12 | ZA, MM | Software | Not Started |
| 13.1 | 13 | Terms and condition | Design a prominent "Terms and Conditions" tab/link on the software's interface. | Story 13 | 13 | KB, MS | Software | Not Started |
| 13.2 | 13 | Terms and condition | Draft comprehensive and clear terms, outlining user rights and obligations. | Story 13 | 13 | AA, MS | Software | Not Started |
| 13.3 | 13 | Terms and condition | Include sections on data privacy, data usage, and software's functionality. | Story 13 | 13 | MM, ZA | Software | Not Started |
| 13.4 | 13 | Terms and condition | Incorporate a date stamp or version number for the terms and conditions. | Story 13 | 13 | KB, MS | Software | Not Started |
| 13.5 | 13 | Terms and condition | Design the "Terms and Conditions" page to be easily readable with clear fonts and spacing. | Story 13 | 13 | AA, ZA | Software | Not Started |
| 14.1 | 14 | About Page | Build a clear "About Us" tab. | Story 14 | 14 | ZA, MM | Software | Not Started |
| 14.2 | 14 | About Page | Add a button that linkes to the About Us page from the Home page navigation and footer. | Story 14 | 14 | KB, MS | Software | Not Started |
| 14.3 | 14 | About Page | Incorporate a section in sife the about us tab detailing the company's history and origin story. | Story 14 | 14 | MM, ZA | Software | Not Started |
| 14.4 | 14 | About Page | Highlight the company's mission, vision, and values. | Story 14 | 14 | MS, AA | Software | Not Started |
| 14.5 | 14 | About Page | Showcase the team members with their photos, brief bios, and qualifications. | Story 14 | 14 | KB, ZA | Software | Not Started |
| 14.6 | 14 | About Page | Include testimonials or endorsements from scientific experts or institutions. | Story 14 | 14 | AA,MM | Software | Not Started |
| 14.7 | 14 | About Page | Embed a brief video or visual representation of the software's functionality. | Story 14 | 14 | ZA, MS | Software | Not Started |
| 14.8 | 14 | About Page | Ensure the "About Us" page design aligns with the software’s science-themed branding. | Story 14 | 14 | AA, KB | Software | Not Started |
| 15.1 | 15 | Contact Page | Build a clear "Contact Us" tab. | Story 15 | 15 | MM, MS | Software | Not Started |
| 15.2 | 15 | Contact Page | Add a button that linkes to the conact us page from the Home page navigation and footer. | Story 15 | 15 | MS, ZA | Software | Not Started |
| 15.3 | 15 | Contact Page | Create an interactive contact form on the contact page. | Story 15 | 15 | KB, AA | Software | Not Started |
| 15.4 | 15 | Contact Page | Incorporate fields like name, email, subject, and message in the form. | Story 15 | 15 | ZA, MM | Software | Not Started |
| 15.5 | 15 | Contact Page | Display contact methods like email, phone, or social links. | Story 15 | 15 | AA, MM | Software | Not Started |
| 15.5 | 15 | Contact Page | Design an image that reflects contact page considering the software’s theme. | Story 15 | 15 | MS, KB | Software | Not Started |