

Key	Summary	Acceptance Criteria	Sprint	Status
MAPP-US1	As a student, I want to have a personalized learning path that targets my weaknesses and provides practice problems that are relevant, so that my understanding improves and the gaps of my knowledge are filled.	<p><b>Scenario:</b> User is struggling with advanced math concepts  <b>Given:</b> student is doing their homework  <b>When:</b> the student begins their personalized learning path  <b>Then:</b></p> <ul style="list-style-type: none"> <li>- the software analyzes the continuous performance data from the given practice problems</li> <li>- the software distinguishes the student's strengths and weaknesses in a specific content</li> <li>- the personalized path of the student will direct them to a suggested practice problem(s) tailored to their learning needs.</li> <li>- the student's completed progress will be analyzed by the software and provide the next steps, path, level, challenge of learning for the student.</li> </ul>	Sprint 2	Completed
MAPP-US2	As a student, I want to have practice problems that are interactive and engages me, so that I can stay motivated and see improvement in my problem solving skills.	<p><b>Scenario:</b> User works better with visuals and interactive learning  <b>Given:</b> student focuses on their personalized learning path  <b>When:</b> the student chooses a practice problem  <b>Then:</b></p> <ul style="list-style-type: none"> <li>- the software presents the problem in a visual and interactive format for high engagement</li> <li>- points, rewards, badges and/or a progress dashboard will be displayed to monitor student's progress</li> <li>- the software will provide levels of difficulty that matches the student's learning path</li> <li>- for problems that are challenging, the software will provide a scaffolded method that will help the student understand and guide them to a solution.</li> </ul>	Sprint 3	Not Completed
MAPP-US3	As a student, I want to have quick access to explanations and personalized, scaffolded help for challenging problems, so that I have the confidence to tackle challenging problems and gain a deeper understanding the concept.	<p><b>Scenario:</b> User is trying out a complex math problem and needs help to understand within that time frame  <b>Given:</b> student working with a problem in the app  <b>When:</b> the student comes across a challenging problem  <b>Then:</b></p> <ul style="list-style-type: none"> <li>- the student can be provided with interactive scaffolded explanations with visual aids and/or animations.</li> <li>- the software will provide a personalized step-by-step explanation that will cater to the student's learning needs.</li> <li>- the software will provide another approach to solving the problem to enhance student's problem solving skill.</li> </ul>	Sprint 3	Not Completed
MAPP-US4	As a student, I want to have an app that allows me to access my learning path profile that includes all my current and saved progress, so that I can practice my math lessons anytime and anywhere.	<p><b>Scenario:</b> User is out and about and wants to access the software on their phone to continue practicing problems  <b>Given:</b> student downloaded the app  <b>When:</b> the student sign on to the app on their phone  <b>Then:</b></p> <ul style="list-style-type: none"> <li>- the app will allow the student full access functionalities that would be accessible on the web.</li> <li>- the app will allow the student to see their progress, practice problems, and get their individualized, scaffolded explanations.</li> <li>- the app will allow student to access information offline if the internet goes down or there is no internet access.</li> </ul>	Sprint 3	Not Completed

Key	Summary	Acceptance Criteria	Sprint	Status
MAPP-US5	As a student, I want to have an app that integrates materials from my textbook and/or online platforms, so that I can bounce form one learning tool to another within the app.	<p><b>Scenario:</b> User is using different resources such as a textbook and wants a way to access the materials online.</p> <p><b>Given:</b> student linked their account to textbook and any other learning platforms to the app.</p> <p><b>When:</b> the student chooses a math topic on the app</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the software will figure out the topic and link it to the resource that aligns with it.</li> <li>- the student will be able to access the resource through the app.</li> <li>- the resource can be imported into the app and created a more personalized learning path for the student</li> </ul>	Sprint 3	Not Completed
MAPP-US6	As a student, I want to have an app that provides specific practice problems and exams that aligns with the SAT and Regents exams format, so that I can place my focus on the content that I need to work on to fully prepare for the exams and gain confidence for them.	<p><b>Scenario:</b> User wants to improve their math scores in a standardized test or high stake exam.</p> <p><b>Given:</b> student chose a specific test win the app</p> <p><b>When:</b> the student is in the test prep section of the app</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the app will provide practice problems related to the choosen test format.</li> <li>- the practice problems will follow the difficulty level and questions found in the test</li> <li>- the students will receive feedback and suggestions for improvement.</li> </ul>	Sprint 3	Not Completed
MAPP-US7	As a teacher, I want to have a platform that identifies the subject area of the problem to incorporate a variety of engaging and differentiated learning resources, so that I can cater to my students needs and personalized their learning goals.	<p><b>Scenario:</b> User wants cater to the Algebra 2 and Precalculus students with diverse learning styles.</p> <p><b>Given:</b> teacher has logged in to the platform</p> <p><b>When:</b> the teacher looks for resources that deals with a specific content</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the platform will layout a variety of resources that are engaging and differentiated.</li> <li>- the resources will include videos, interactive simulations, practice problems, manipulatives for the kinesthetic learners.</li> <li>- the differentiated resources will be setup for visual, auditory, and kinesthetic learners - the teacher can assign a specific resource to the students.</li> </ul>	Sprint 2	Completed
MAPP-US8	As a teacher, I want to have a platform that creates personalized learning paths for my students based on how they perform and grasp the content, so that they can work on their weaknesses and increase their learning potential.	<p><b>Scenario:</b> User wants to create personalized learning paths for understanding in Algebra 2 and Precalculus.</p> <p><b>Given:</b> teacher has intergrated the platform with existing assessments</p> <p><b>When:</b> the teacher go over the students' performance</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the platform goes through the data and figures out where the students stand for a specific content area.</li> <li>- based on the analyzed data, the platform will provide recommended personalized learning paths for each student</li> <li>- the learning paths will have resources that aligns with the students' needs.</li> </ul>	Sprint 3	Not Completed

Key	Summary	Acceptance Criteria	Sprint	Status
MAPP-US9	As a teacher, I want to have computerized tool that can monitor my students' progress in real-time and pinpoints the areas where my students' need extra support, so that intervene in sooner than later in an effective way.	<p><b>Scenario:</b> User needs to find an effective way to track students' progress</p> <p><b>Given:</b> students' problems and/or assessments on the platform</p> <p><b>When:</b> the teacher accesses students' progress on platform</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the platform will show detailed information/dta the each students' progress, prehaps with visuals.</li> <li>- the data display students' strengths and weaknesses</li> <li>- the teacher could get red flag alerts for students who are really struggling.</li> </ul>	Sprint 3	Not Completed
MAPP-US10	As a teacher, I want to have resources and support that will help understand how to intergrate this platform into my classroom, so that I can use it effectively in my lesson plans and teaching practices.	<p><b>Scenario:</b> User a new to technology and wants to integrate the platform into their classroom.</p> <p><b>Given:</b> teacher's first log in to the platform</p> <p><b>When:</b> the teacher plays around with the platform's functions</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the platform will provide tutorials or guides to help the teacher navigate through the platform.</li> <li>- the platform will have access to workshops, professional development courses, online communities for the teacher to connect with others to share platform experiences and tips.</li> <li>- the platform will provide access to customer and/or technical support.</li> </ul>	Sprint 3	Not Completed
MAPP-US11	As a teacher, I want to have extra tools that will allow my students to access more practice problems and personalized learning paths outside of the classroom, so that they can reinforce what they learned in class or get extra support and do this at their own pace.	<p><b>Scenario:</b> User wants students who are struggling to access additional support outside the classroom.</p> <p><b>Given:</b> student enrolled in the platform and assigned a learning path</p> <p><b>When:</b> the student logs in their account</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the platform will allow access to the student and provide personalized learning paths, resources, and practice problems for extra help.</li> <li>- the students will be able to track their personal progress and growth with a specific topic(s).</li> <li>- the students will be able to download resources on work offline.</li> </ul>	Sprint 3	Not Completed
MAPP-US12	As a teacher, I want to be able to access resources that is aligned with Algebra 2 and Precalculus tests, so that I can prepare my students fully for these exams.	<p><b>Scenario:</b> User wants to prepare the students for the assessments.</p> <p><b>Given:</b> the teacher chooses an exam on the platform</p> <p><b>When:</b> the teacher chooses an exam prep</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the platform will produce a bank of practice problems and mock exams for students to practice and prepare.</li> <li>- the platform will provide the students a report of their performance, strengths, weaknesses, and where there can be room for improvement.</li> </ul>	Sprint 3	Not Completed

Key	Summary	Acceptance Criteria	Sprint	Status
MAPP-US13	As a tutor, I want to access diagnostic assessments that pinpoints the student's area of difficulty, so that I can create a personalized tutor session and support.	<p><b>Scenario:</b> User is working with a student who is struggling with math.</p> <p><b>Given:</b> the tutor already logged into the platform and student already created a profile</p> <p><b>When:</b> the tutor selects the diagnostic assessment for the math topic student is currently learning</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the platform provides the student a brief, interactive assessment based on the current topic.</li> <li>- the assessment focuses on the content area where the student is struggling with</li> <li>- then the platform creates a report with explanation to display student's strengths and weaknesses</li> <li>- the platform will suggests learning paths catered to the student's needs</li> </ul>	Sprint 2	Completed
MAPP-US14	As a tutor, I want to access learning resources that are engaging and diverse, so that explanations and practice problems can be tailored to the student's needs.	<p><b>Scenario:</b> User is working with a student whose learning style is visual and hands-on and has a complex math problem that they don't understand</p> <p><b>Given:</b> the tutor figured out the student's learning style</p> <p><b>When:</b> the tutor searches the learning resources with the student's learning style in mind</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the platform shows visual and hands-on learning style resources and topic.</li> <li>- the platform will gives options such as: videos that have animations displaying scaffolded explanations, interactive simulations, practice problems ranging from easy to difficult, and worksheets with visuals and model exercises that can be downloaded.</li> <li>- the tutor can create a personalized learning resource for the student</li> </ul>	Sprint 2	Completed
MAPP-US15	As a tutor, I want to be able to track the student's progress with homeworks and practice problems, so that I can determine the area of concern and provide additional support.	<p><b>Scenario:</b> User wants to gauge student's performance on homework assignments outside of the tutoring session.</p> <p><b>Given:</b> the tutoring platform is linked with LMS (school's platform)</p> <p><b>When:</b> the tutor accesses the student tracked progress in the platform</p> <p><b>Then:</b></p> <ul style="list-style-type: none"> <li>- the platform finds the student's data form LMS and creates a detailed report of the student's performance on certain math problems, focusing on the strengths and weaknesses (low scores, incorrect answers, etc).</li> <li>- the tutor can use the data to adjust and create a custom tutor session that focuses on the topic(s) the student is struggling the most.</li> <li>- the tutor can create custom reports that displays the students achievements and areas for improvement.</li> </ul>	Sprint 3	Not Completed

Key	Summary	Acceptance Criteria	Sprint	Status
MAPP-US16	As a tutor, I want to tools that give students the chance to communicate with their teachers to asks questions and/or receive clarifications on certain topics during tutor sessions, <b>so that</b> the student can take ownenshp of their learning	<b>Scenario:</b> User is working with a student who afraid to ask questions during class. <b>Given:</b> the teacher and student have profiles on the tutoring platform - communiation is poossible <b>When:</b> the student has a question that needs to answered or needs clarification <b>Then:</b> <ul style="list-style-type: none"> <li>- the platform has a secure messaging system that the student can use to message their teacher.</li> <li>- the teacher can directly respond back using the platform messaging system.</li> <li>- the tutor can monitor the message and provide support if needed.</li> </ul>	Sprint 3	Not Completed
MAPP-US17	As a tutor, I want to have access to interactive learning activities, <b>so that</b> I can increase the engagement and retention of the student.	<b>Scenario:</b> User has the student learn and understand better with engaging activites. <b>Given:</b> the tutor knows the specific topic the student needs help with <b>When:</b> the tutor searches the platform with the given topic <b>Then:</b> <ul style="list-style-type: none"> <li>- the platform will provide a choice of practice problems with interactive math games</li> <li>- the platform will have a reward system to motivate the student to practice more</li> <li>- after game completion, the student can check their feedback</li> <li>- the tutor can use the data to pinpoint areas of struggles and customize the tutoring session.</li> </ul>	Sprint 3	Not Completed
Placeholder		Acceptance Criteria	Placeholder	Placeholder