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 practices problems that are relevant**, so that** my understanding improves and the gaps of my knowlegde are filled.	**Scenario:** User is struggling with advanced math concepts **Given:** student is doing their homework **When:** the student begins their personailized learning path **Then:** - the software analyzes the continuous performance data from the given practice problems - the software distinguishes the student's strengths and weaknesses in a specific content - the personalized path of the student will direct them to a suggested practice problem(s) tailored to their learning needs. - the student's completed progress will be analyzed by the software and provide the next steps, path, level, challenge of learning for the student.	Sprint 2	Not 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.	**Scenario:** User works better with visuals and interative learning **Given:** student focuses on their personalized learning path **When:** the student chooses a practice problem **Then:** - the software presents the problem in a visual and interactive format for high engagment - points, rewards, bagdes and/or a progress dashboard will be displayed to moniter student's progress - the software will provide levels of difficulty that matches the student's learning path - for problems that are challenging, the software will provide a scaffolded method that will help the student understand and guide them to a solution.	Sprint 3	Placeholder
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.	**Scenario:** User is trying out a complex math problem and needs help to understand within that time frame **Given:** student working with a problem in the app **When:** the student comes across a challenging problem **Then:** - the student can be provided with interactive scaffolded expalnations with visual aids and/or animations. - the software will provided a personalized step-by-step explanation that will cater to the student's learning needs. - the software will provide another approach to solving the problem to enhance student's problem solving skill.	Sprint 3	Placeholder
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.	**Scenario:** User is out and about and wants to access the software on their phone to continue practicing problems **Given:** student downloaded the app **When:** the student sign on to the app on their phone **Then:** - the app will allow the student full access functionalities that would be accessible on the web. - the app will allow the student to see their progress, practice problems, and get their individualized, scaffolded explanations. - the app will student to acess infomation offline if the internet goes down or there is no internet access.	Sprint 3	Placeholder

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.	**Scenario:** User is using different resources such as a textbook and wants a way to access the materials online. **Given:** student linked their account to textbook and any other learning platforms to the app. **When:** the student chooses a math topic on the app **Then:** - the software will figure out the topic and link it to the resource that aligns with it. - the student will be able to access the resource through the app. - the resource can be imported into the app and created a more personalized learning path for the student	Sprint 3	Placeholder
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.	**Scenario:** User wants to improve their math scores in a standardized test or high stake exam. **Given:** student chose a specific test win the app **When:** the student is in the test prep section of the app **Then:** - the app will provide practice problems related to the choosen test format. - the practice problems will follow the difficulty level and questions found in the test - the students will receieve feedback and suggestions for improvement.	Sprint 3	Placeholder
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.	**Scenario:** User wants cater to the Algebra 2 and Precalculus students with diverse learning styles. **Given:** teacher has logged in to the platform **When:** the teacher looks for resources that deals with a specific content **Then:** - the platform will layout a variety of resources that are engaging and differentiated. - the resources will include videos, interactive simulations, practice problems, manipulatives for the kinesthetic learners. - the differentiated resources will be setup for visual, auditory, and kinesthetic learners - the teacher can assign a specific resource to the students.	Sprint 2	Not 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.	**Scenario:** User wants to create personalized learning paths for understanding in Algebra 2 and Precalculus. **Given:** teacher has intergrated the platform with existing assessments **When:** the teacher go over the students' performance **Then:** - the platform goes through the data and figures out where the students stand for a specific content area. - based on the analyzed data, the platform will provide recommended personalized learning paths for each student - the learning paths will have resources that aligns with the students' needs.	Sprint 3	Placeholder

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.	**Scenario:** User needs to find an effective way to track students' progress **Given:** students' problems and/or assessments on the platform **When:** the teacher accesses students' progress on platform **Then:** - the platform will show detailed information/dta the each students' progress, prehaps with visuals. - the data display students' strengths and weaknesses - the teacher could get red flag alerts for students who are really struggling.	Sprint 3	Placeholder
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.	**Scenario:** User a new to technology and wants to integrate the platform into their classroom. **Given:** teacher's first log in to the platform **When:** the teacher plays around with the platform's functions **Then:** - the platform will provide tutorials or guides to help the teacher navigate through the platform. - 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. - the platform will provide access to customer and/or technical support.	Sprint 3	Placeholder
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.	**Scenario:** User wants students who are struggling to access additional support outside the classroom. **Given:** student enrolled in the platform and assigned a learning path **When:** the student logs in their account **Then:** - the platform will allow access to the student and provide personalized learning paths, resources, and practice problems for extra help. - the students will be able to track their personal progress and growth with a specific topic(s). - the students will be able to download resources on work offline.	Sprint 3	Placeholder
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.	**Scenario:** User wants to prepare the students for the assessments. **Given:** the teacher chooses an exam on the platform **When:** the teacher chooses an exam prep **Then:** - the platform will produce a bank of practice problems and mock exams for students to practice and prepare. - the platform will provide the students a report of their performance, strengths, weaknesses, and where there can be room for improvement.	Sprint 3	Placeholder

Key	Summary	Acceptance Criteria	Sprint	Status
MAPP-US13	**As a** tutor, **I want to** access diagnotic assessments that pinpoints the student's area of difficulty, **so that** I can create a personalized tutor session and support.	**Scenario:** User is working with a student who is struggling with math. **Given:** the tutor already logged into the platform and student already created a profile **When:** the tutor selects the diagnostic assessment for the math topic student is currently learning **Then:** - the platform provides the student a brief, interactive assessment based on the current topic. - the assessment focuses on the content area where the student is struggling with - then the platform creates a report with explanation to display student's strengths and weaknesses - the platform will suggests learning paths catered to the student's needs	Sprint 2	Not 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.	**Scenario:** User is working with a student whose learnng style is visual and hands-on and has a complex math problem that they don't understand **Given:** the tutor figured out the student's learning style **When:** the tutor searches the learning resources with the student's learning style in mind **Then:** - the platform shows visual and hands-on learning style resources and topic. - 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. - the tutor can create a personalized learning resource for the student	Sprint 2	Not 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.	**Scenario:** User wants to gauge student's performance on homework assignments outside of the tutoring session. **Given:** the tutoring platform is linked with LMS (school's platform) **When:** the tutor accesses the student tracked progress in the platform **Then:** - 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). - 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. - the tutor can create custom reports that displays the students achievements and areas for improvement.	Sprint 3	Placeholder

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, **so that** the student can take ownenshp of their learning	**Scenario:** User is working with a student who afraid to ask questions during class. **Given:** the teacher and student have profiles on the tutoring platform - communiation is poosible **When:** the student has a question that needs to answered or needs clarification **Then:** - the platform has a secure messaging system that the student can use to message their teacher. - the teacher can directly respond back using the platform messaging system. - the tutor can monitor the message and provide support if needed.	Sprint 3	Placeholder
MAPP-US17	**As a** tutor, **I want to** have access to interactive learning activities, **so that** I can increase the engagement and retention of the student.	**Scenario:** User has the student learn and understand better with engaging activites. **Given:** the tutor knows the specific topic the student needs help with **When:** the tutor searches the platform with the given topic **Then:** - the platform will provide a choice of practice problems with interactive math games - the platform will have a reward system to motivate the student to practice more - after game completion, the student can check their feedback - the tutor can use the data to pinpoint areas of struggles and customize the tutoring session.	Sprint 3	Placeholder
Placeholder		*Acceptance Criteria*	Placeholder	Placeholder