TECHNICAL DOCUMENT

LearnPoint

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CONTENT

OBJECTIVES

General Objective.

Develop a web platform that connects students with tutors specialized in programming languages, allowing students to submit tutoring requests, tutors to accept or reject them, the creation of an internal channel for communication between both parties, and a calendar to schedule tutoring sessions.

Specific Objectives.

- Facilitate direct communication between students and programming tutors.
- Allow tutors to offer personalized tutoring proposals in terms of cost and availability.
- Provide students with the ability to compare and decide which tutor to request.
- Design an intuitive interface to enhance the user experience for both students and tutors.
- Implement a secure request and response management system between students and tutors.

PROBLEM STATEMENT

Currently, many students interested in learning programming languages face difficulties finding available tutors who fit their schedules, needs, and budgets. Existing platforms do not always provide a flexible system that allows tutors to propose personalized offers and students to make autonomous decisions. This creates a barrier to accessing effective tutoring and hinders self-directed learning.

PROJECT SCOPE

The LearnPoint project will focus on developing an initial web platform that enables the connection between students and programming tutors. The scope will include: user registration (students and tutors), tutoring request management, tutors sending offers, and the student's final decision to accept or reject the proposal. The first version will focus on tutoring related to programming languages, leaving the possibility open for expansion to other areas of knowledge in future phases.

USER STORIES

User Stories for Students.

1. **Student Registration.**
   As a student, I want to register on the platform so I can look for programming tutors.

2. **Search for Tutors.**
   As a student, I want to search and view available tutor profiles to choose one that fits my needs.

3. **Request Tutoring.**
   As a student, I want to send a tutoring request to a specific tutor to start the contact process.

4. **Compare Offers.**
   As a student, I want to receive different personalized offers from tutors so I can compare prices, schedules, and teaching styles.

5. **Accept or Reject Offers.**
   As a student, I want to accept or reject tutoring offers to choose the option that suits me best.

6. **Communicate with Tutor.**
   As a student, I want access to an internal communication channel with the tutor to resolve doubts and coordinate details before and during the tutoring session.

7. **View Tutoring Calendar**
   As a student, I want to view a calendar with scheduled tutoring sessions to organize my study time.

User Stories for Tutors.

1. **Tutor Registration.**
   As a tutor, I want to register as a programming language specialist to offer my services.

2. **Send Personalized Offers.**
   As a tutor, I want to send proposals with personalized prices and schedules to adapt to the student's needs.
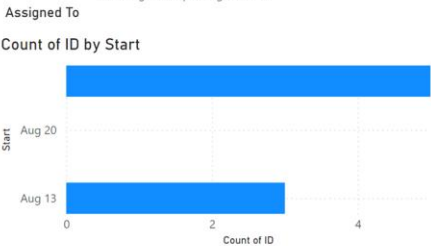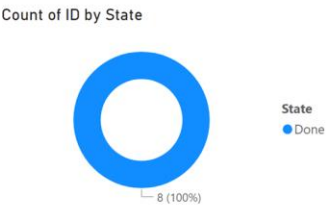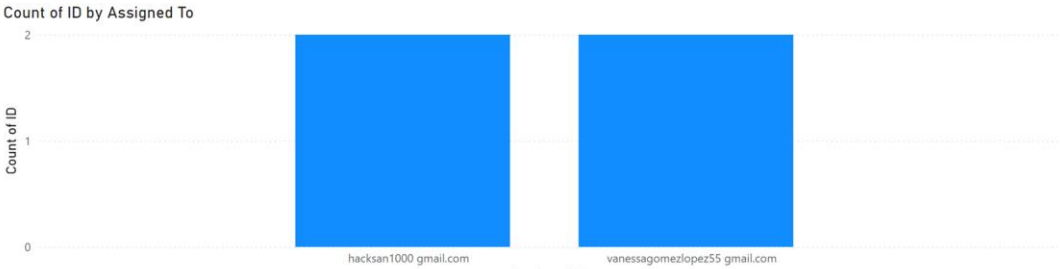
3. **Accept or Reject Tutoring Requests.**
   As a tutor, I want to accept or reject tutoring requests to manage my availability.

4. **Tutoring Calendar.**
   As a tutor, I want access to a calendar with my scheduled tutoring sessions to organize my agenda.

EVIDENCE OF SCRUM METHODOLOGY APPLICATION

Count of ID by Assigned To

Count of ID by State

8 (100%)

State
● Done

Count of ID by Start

8	5	2
Count of ID	Count of Assigned To	Count of Start