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TEAM 6 PRESENTATION



AGENDA FOR TODAY

- Reintroduction of Project and Scopes.
- Goals and Objectives.
- Progress Overview.
- Challenges and Solutions.
- Lessons Learned.
- Next Steps.
- Q&A.

PROJECT SCOPE AND OVERVIEW



ADAPTIVE TESTING SYSTEM TO
EVALUATE A STUDENT'S GRADE.



STUDENTS GRADE OR LEVEL
DETERMINED BY CONTINUOUSLY
ANSWERING QUESTIONS.



REWARD MECHANISM, ADAPTIVE
MECHANISMS AND EVALUATION
MECHANISMS IN PLACE.

GOALS AND OBJECTIVES



Goals and Objectives
to be completed by
this presentation.



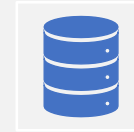
Functioning
Prototype Website.



Basic UI and Views.



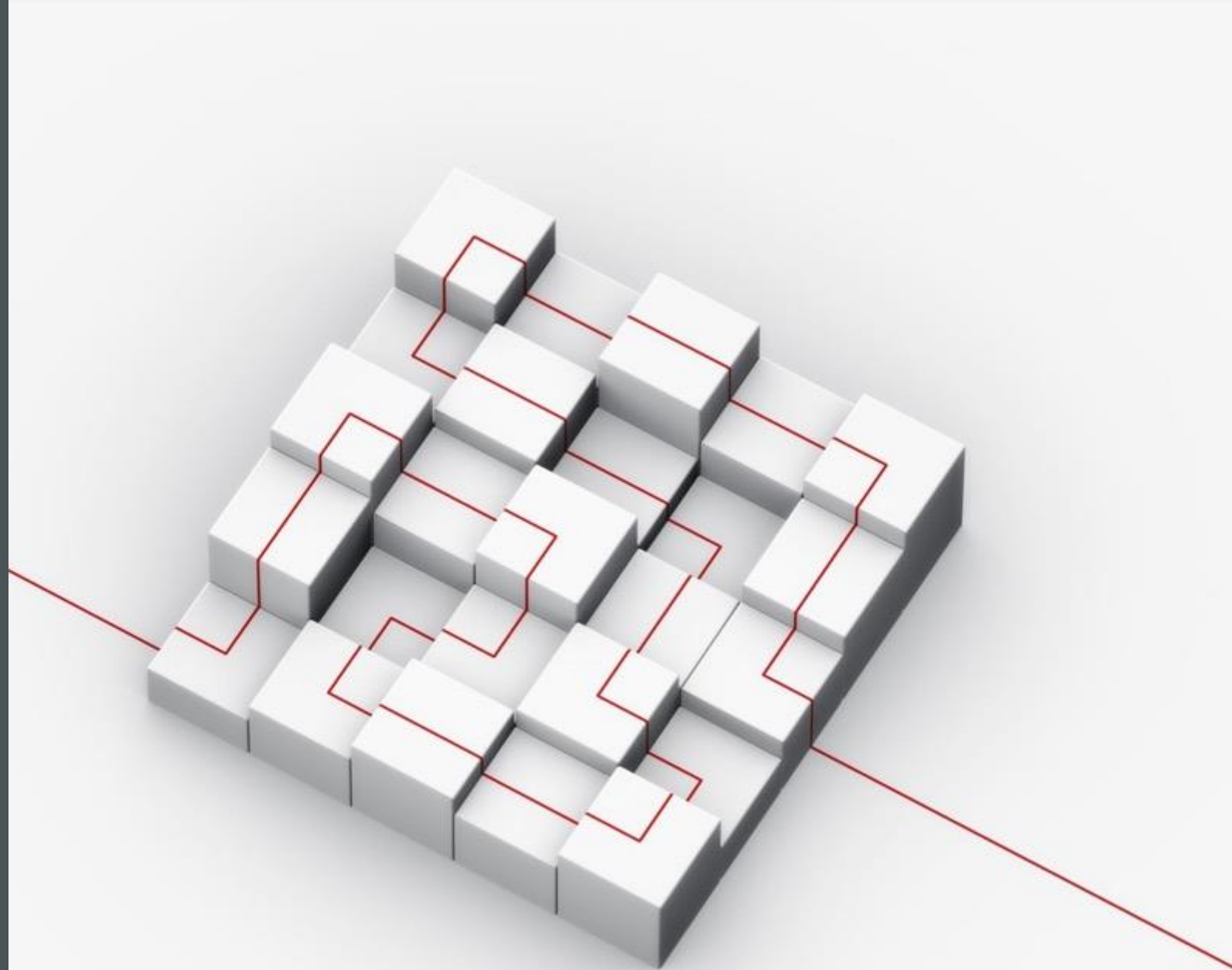
Discussion on Visual
Aesthetics and Other
Functionality.



Implementation of
Database.

PREVIOUS PROGRESS

- Completion of Wireframes and Visual cues of what project parts may look like.
- Definition of scopes and requirements.
- Studying and understanding of Javascript and Node.js functionality.
- Database study.



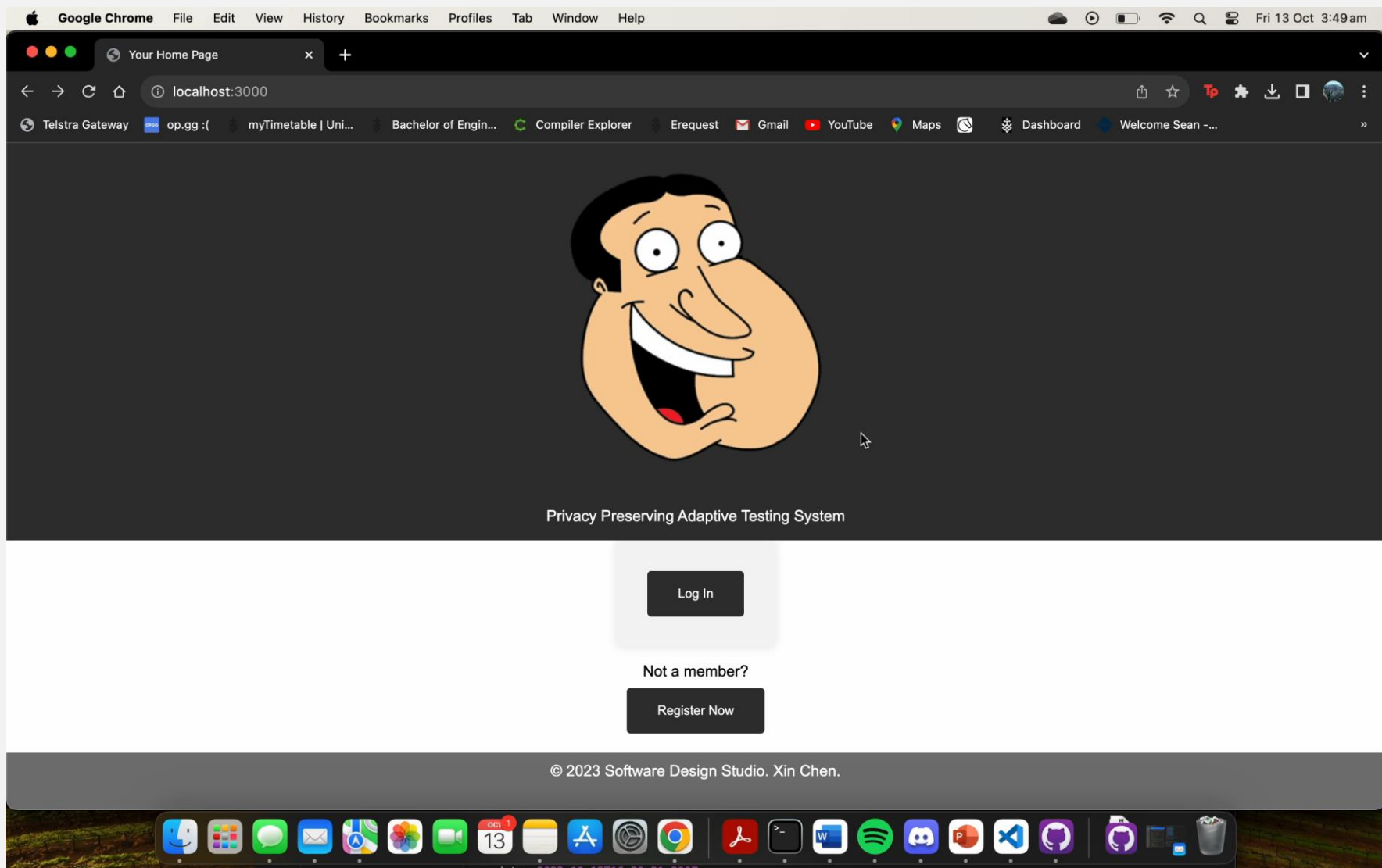
PROGRESS OVERVIEW

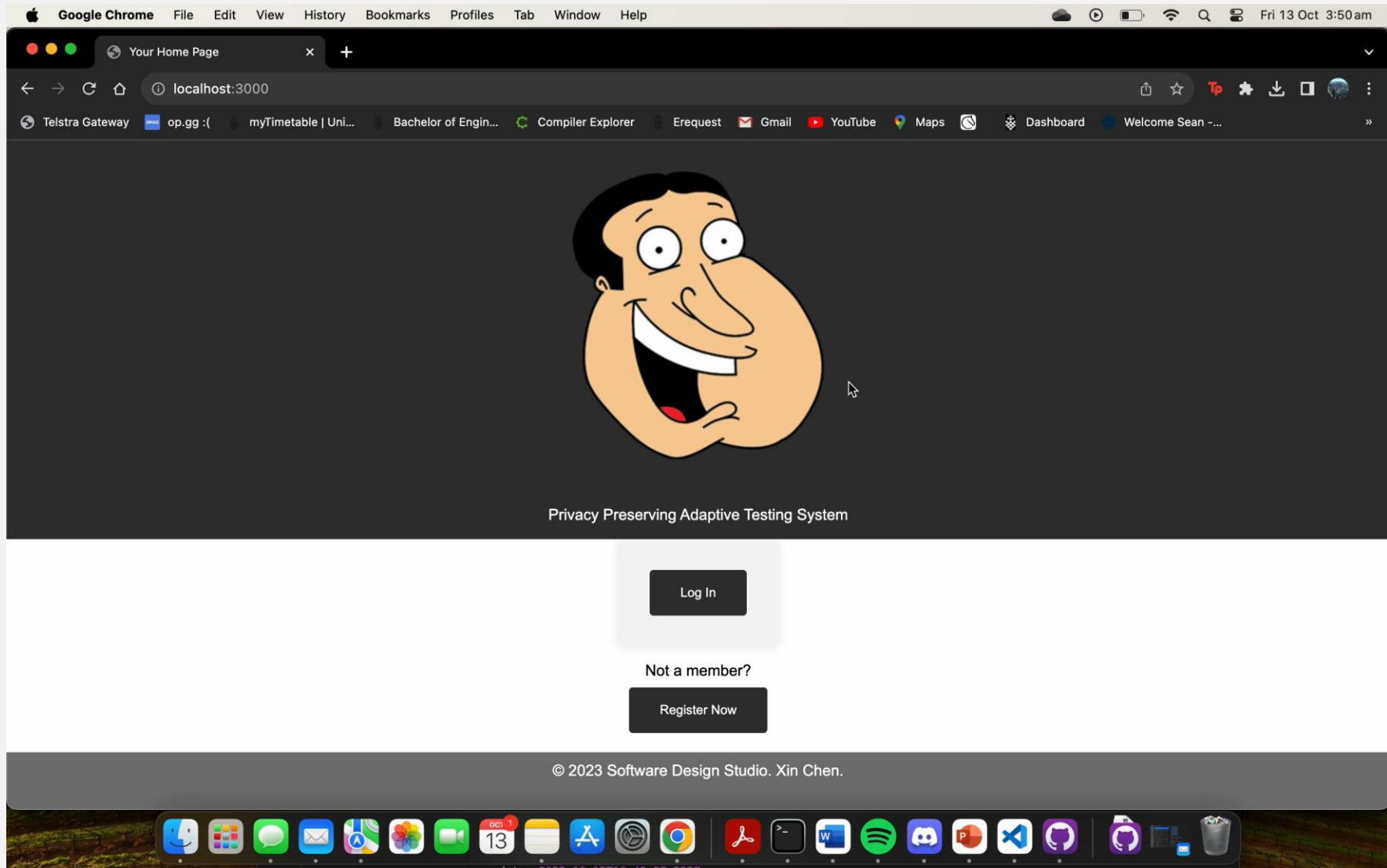


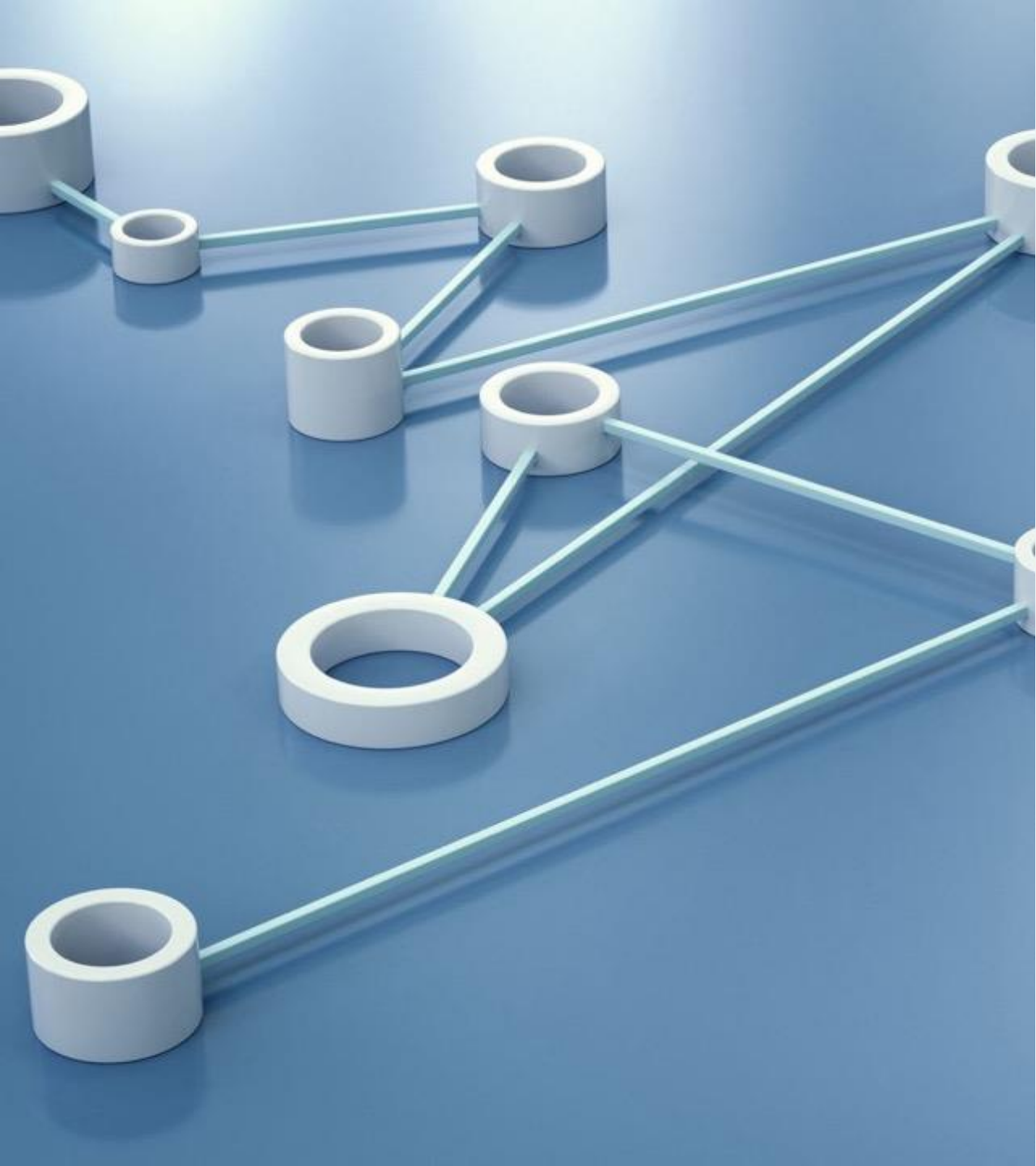
PROTOTYPE FUNCTIONALITY

- Basic Functionality added.
- Login Functionality is not added in yet.
- Registration Functionality is added.
- Quiz Page functionality is added.
- Results Page functionality is added.
- Feedback page functionality is added.
- Currently Barebones functionality and basic UI.

PROJECT DEMONSTRATION





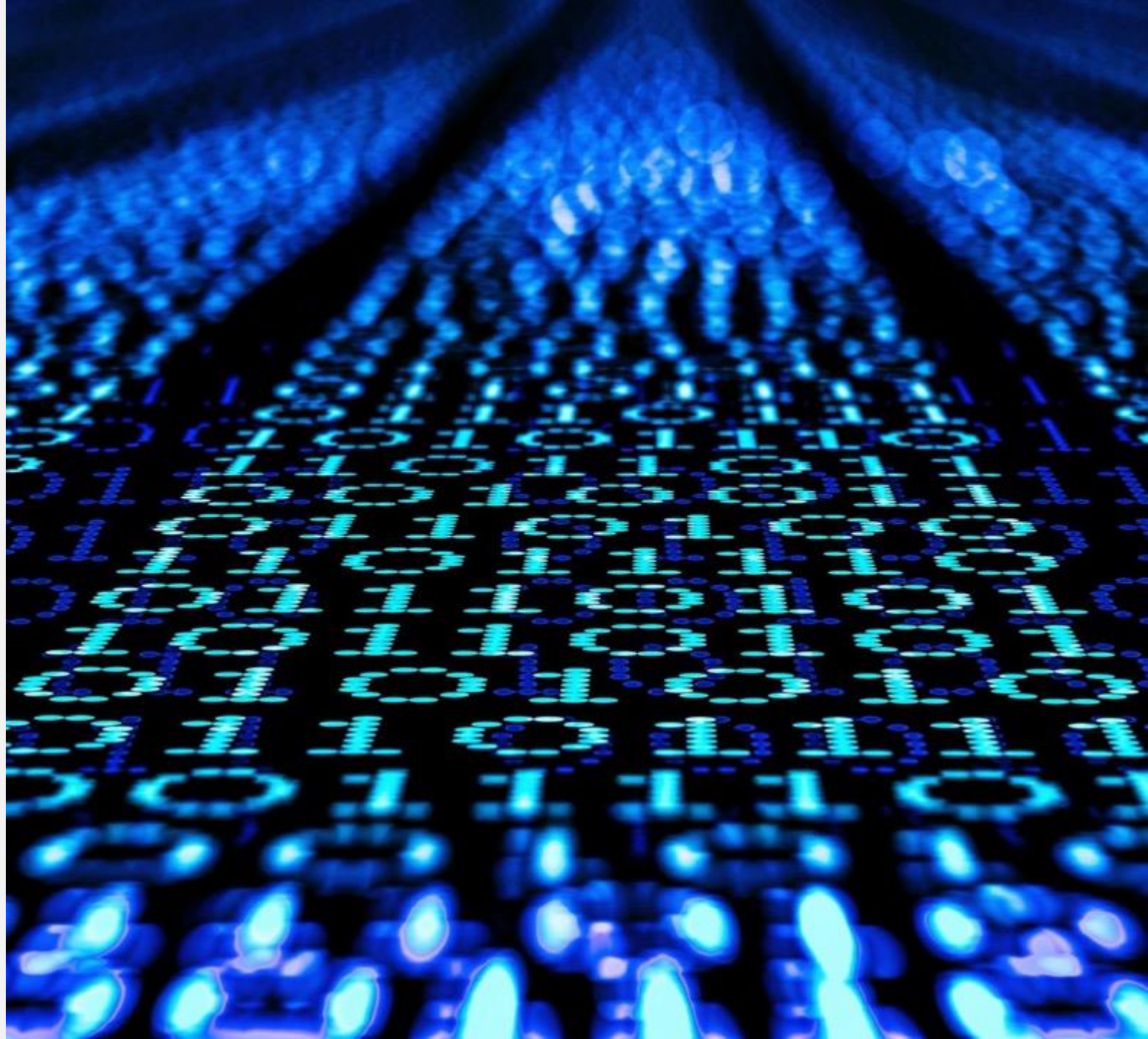


CHALLENGES

- Implementation of Database with Program.
- Differing visions of certain project aspects.
- Cross Browser functionality.
- Engaging with audiences and users.
- Adequate reward mechanisms.
- Defining scopes and requirements (again).
- Timeframes and Time Management.

DATABASE IMPLEMENTATION

- Difficulty in representing data types and necessary information.
- Difficulties in reconciling code and database intended functionality.
- Hardware and Software difficulties.
- Visual representation of saved data.





DIFFERING VISIONS OF PROJECT

- Minor disagreements on how to entice and engage users.
- Difference in agreement on how to visually represent streaks or types of data and questions to use.

CROSS BROWSER FUNCTIONALITY

Currently only works 100% in
Microsoft Edge for PC.

Occasional functionality on
Google Chrome for PC and
Mac.



ENGAGING WITH USERS

- Unsure of how to get users to be motivated to take tests.
- Currently basic implementation of engagement mechanisms
- No current reward mechanism in place to reward users for their level tier.
- Unsure of what reward mechanism will provide enough incentive.
- Current question set is general trivia knowledge.

TIMEFRAMES AND MANAGEMENT



Some difficulties in meeting deadlines.



Balancing real life, different subjects and current workload.



Deliverables and Quality



SOLUTIONS

- MongoDB database currently in use with more data types to be added in future to represent results, scores and test levels.
- General consensus on project aspects and democratic style of project planning.
- Bugfixing and Brainstorming for Browser issue.
- Personal opinions and motivations as baselines for determining reward mechanisms (trying to understand the user).
- More Communication!

LESSONS LEARNED.

- Simplify functionality and objectives.
- More time planning and thinking than coding.
- More user stories and user mindset needed.
- More consultations with tutor and team plannings.




```
mirror_mod = modifier_ob.  
set mirror object to mirror  
mirror_mod.mirror_object =  
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True  
selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_ob.  
mirror_ob.select = 0  
= bpy.context.selected_object  
data.objects[one.name].select  
print("please select exactly  
-- OPERATOR CLASSES --  
types.Operator):  
X mirror to the selected  
object.mirror_mirror_x"  
mirror X"  
context):  
context.active_object is not
```

NEXT STEPS

- Layering and Visual changes to existing functioning pages.
- Implementation of Login feature.
- Linking registration data with login functionality.
- More buttons and links to other pages and page consolidation.
- Determining results types and what data sets to use.
- Visual and aesthetic changes.



QUESTIONS?



THANK YOU