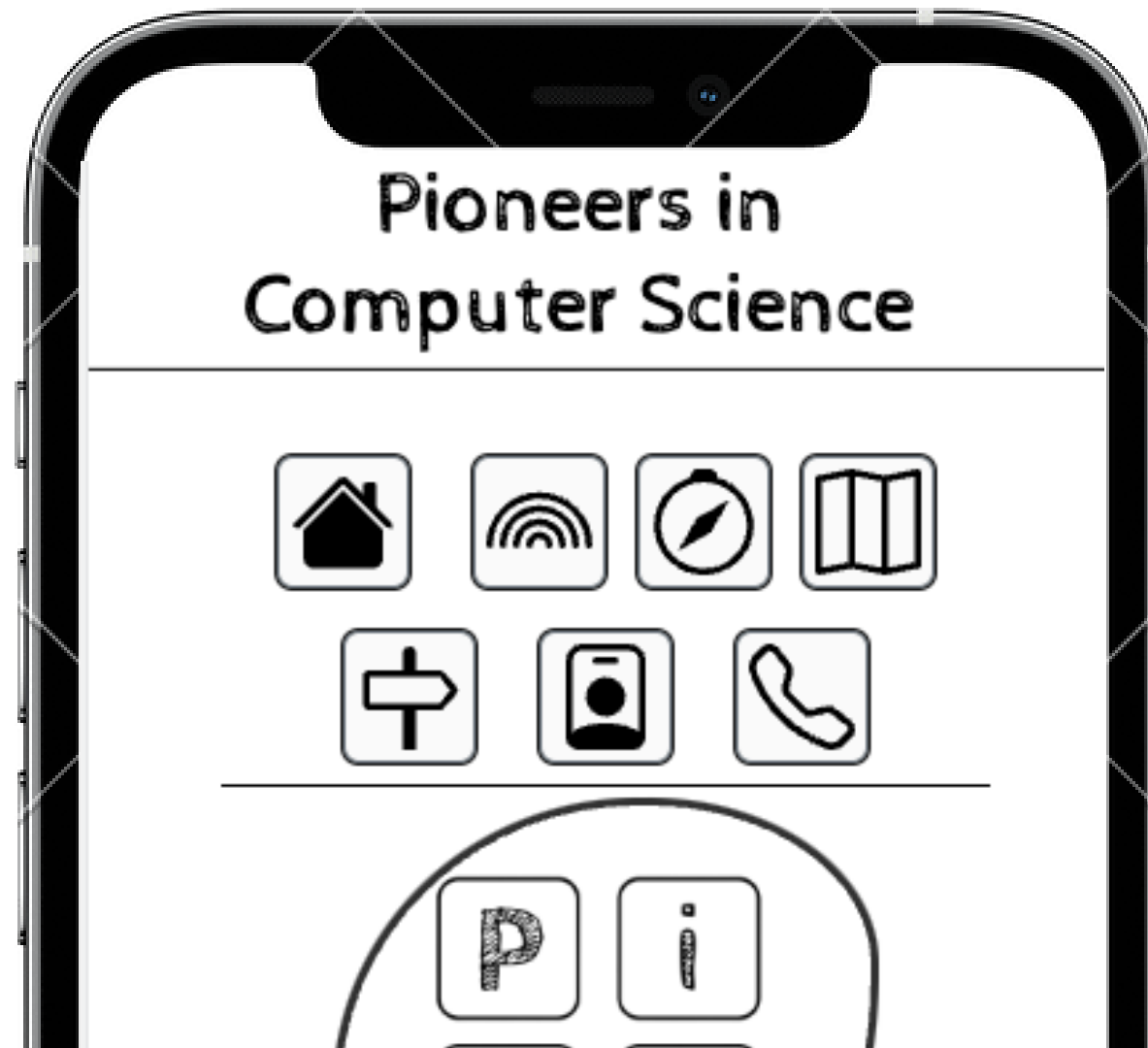


Pioneers in Computer Science

The development and evaluation of an online platform titled "Pioneers in Computer Science." This platform is dedicated to showcasing the significant contributions of diverse computer scientists from around the world.



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MSc Software Engineering

August 18 2023

St Andrews, UK

PIONEERS IN COMPUTER SCIENCE

Technical Foundations & Software Engineering

- 01 Data Organisation:** Use of the ACM Classification System for structured representation.
- 02 Software Engineering Principles Applied :**
 - Modularity
 - Reusability
 - User Accessibility
- 03 Search Strategy:**
 - Reproducible
 - Data Sources
 - Search Terms
 - Inclusion Criteria
 - Exclusion Criteria



Platform Features & Evaluation

FEATURES

- User can view the list of all the pioneers in the database.
- Users can view the birth place of each pioneer.
- Users can chat with a chatbot (EVA), powered by chatgpt
- Users can browse pioneers by name,country and field
- Users have a feedback mechanism to provide feedback on the website (Contact Page)
- Users can also see the contributions of pioneers via vertical roadmap
- Users have the ability to further learn about the pioneers by navigating to the references

EVALUATION

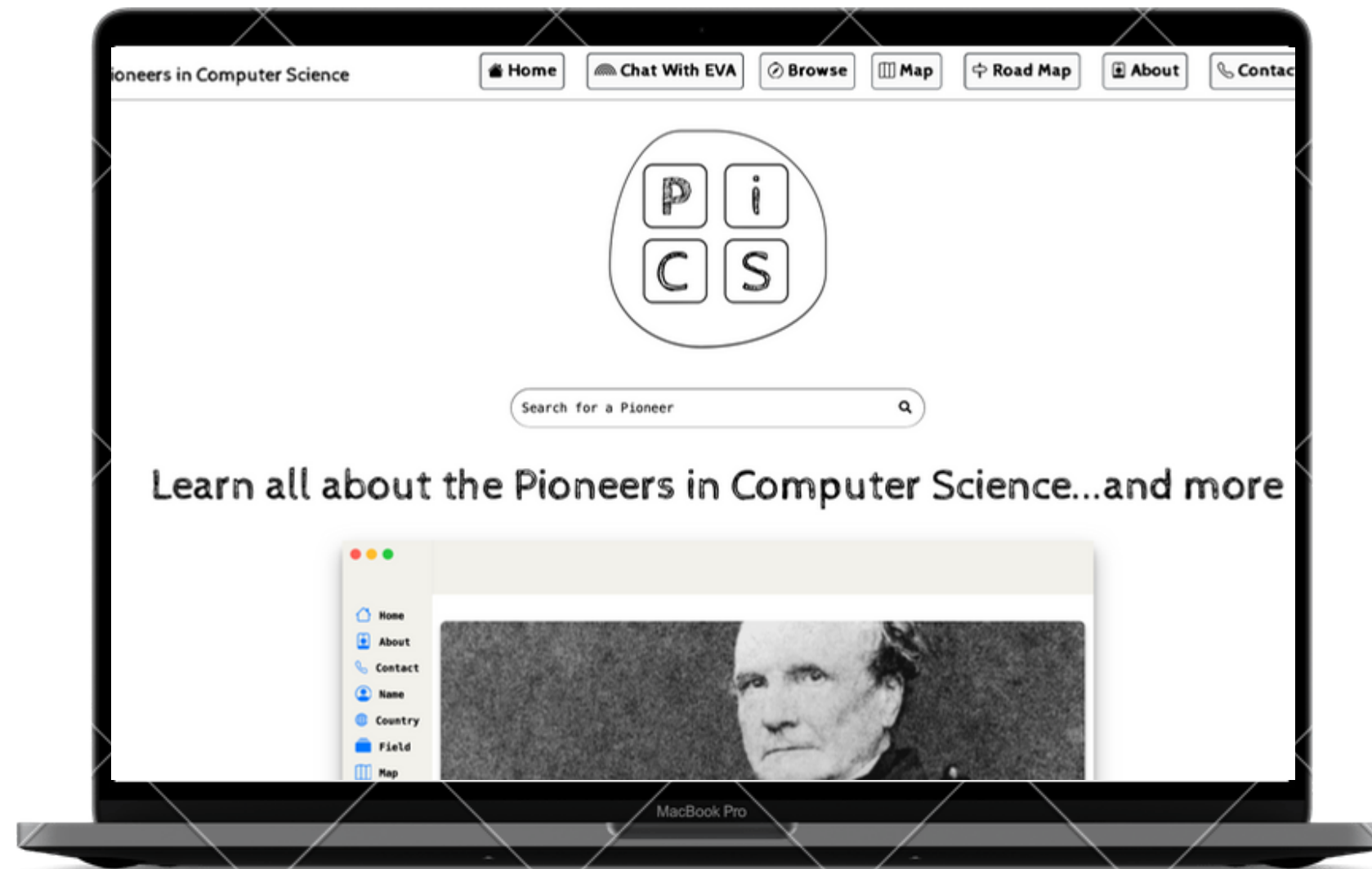
Need for evaluation (Metrics) :

- REST API METHODS
- Accessibility
- Performance
- Best Practices
- Search Engine Optimisation (SEO)

TOOLS:

- POSTMAN API
- SITE-IMPROVE
- GOOGLE PAGE INSIGHTS





Thank You

