About Codersarts

Get your Programming Tasks done & 1-on-1 Mentorship

Codersarts is a trusted and top-rated website for programming help. Get help from vetted **software developers**, **engineers, ML researchers**, and **programming experts**.

Codersarts is a leading provider of technology solutions, including software development, programming assistance, and coding tutorials. The company was founded with the goal of democratising technology education and making it accessible to everyone.

Codersarts has a team of experienced and qualified professionals who are passionate about helping people learn and grow. The company offers a variety of services, including:

- **Software development:** Codersarts can help businesses of all sizes to develop custom software solutions. The company's team of experienced developers can work on projects of all sizes and complexity.
- **Programming assistance:** Codersarts can provide programming assistance to students, professionals, and businesses. The company's team of experts can help with everything from debugging code to writing complex algorithms.

Websites: www.Codersarts.com | www.training.codersarts.com | www.ai.codersarts.com
Contact Details: Email-ID: contact@codersarts.com | Whatsapp: +91 8789 81 6887

- **Coding tutorials:** Codersarts offers a variety of coding tutorials on a variety of topics. The company's tutorials are designed to help people of all skill levels learn to code.

Codersarts is committed to providing its clients with high-quality services and support. The company has a proven track record of success in helping businesses and individuals to achieve their goals.

About Codersarts AI

Codersarts AI is a division of Codersarts that provides AI development services and machine learning solutions. The company's team of experienced AI experts can help businesses of all sizes to leverage the power of AI to improve their operations, increase efficiency, and gain a competitive edge.Codersarts AI offers a wide range of AI services, including consulting, development, integration, and support. The company is committed to helping businesses succeed in the age of AI.

Codersarts AI offers a wide range of AI services, including:

- **Consulting:** Codersarts AI can help businesses to identify AI opportunities and develop AI strategies.
- **Development:** Codersarts AI can develop custom AI solutions for businesses, including machine learning models, natural language processing systems, and computer vision systems.
- **Integration:** Codersarts AI can help businesses to integrate AI solutions into their existing systems and workflows.

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- **Support:** Codersarts AI provides ongoing support to businesses to help them get the most out of their AI solutions.

Codersarts AI is committed to helping businesses succeed in the age of AI. The company's team of experts has a deep understanding of AI technologies and a proven track record of success in delivering AI solutions to businesses of all sizes.

About Codersarts Training

Codersarts Training is a division of Codersarts that provides training services on a variety of programming languages and technologies. The company's team of experienced trainers can help individuals and businesses of all sizes to learn new skills and improve their existing skills.

Codersarts Training offers a variety of training courses, including:

- Programming languages: Python, Java, JavaScript, C/C++, etc.
- Web development: HTML, CSS, JavaScript, React, Vue, etc.
- Mobile development: Android, iOS, etc.
- Machine learning
- Data science
- Artificial intelligence

Codersarts Training also offers customised training programs to meet the specific needs of businesses and individuals.Codersarts Training is a trusted provider of high-quality training services. The company has helped thousands of individuals and businesses to learn new skills and achieve their goals.

If you are interested in learning more about Codersarts Training, please visit the company's website or contact the company's team of experts.

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1. Codersarts: https://www.codersarts.com/
2. Codersarts Training: https://www.training.codersarts.com/
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Project Title : Survey App

Project Overview:

The Survey App is a comprehensive Android application designed to facilitate the creation, distribution, and analysis of surveys. It caters to two distinct user roles: Survey Coordinators, responsible for defining and conducting surveys, and Survey Respondents, who complete surveys and view results. The app offers a user-friendly interface for both roles, allowing them to efficiently manage surveys and obtain valuable feedback. The core features include survey creation, survey conduction, and survey result visualisation.

Project Timeline:

The development of the Survey App will follow a structured timeline to ensure the successful implementation of its features and functionalities. The timeline is as follows:

1. Project Initiation (1 day):
- Project planning and requirement analysis.
- Setting up the development environment.

2. User Authentication (1 day):
- Implement user authentication and account creation for Survey Respondents.
- Ensure that Survey Respondents cannot complete the same survey multiple times.

3. Survey Definition (1 day):
- Allow Survey Coordinators to define surveys with 1–10 multiple-choice questions.
- Enable the addition of 1–5 mutually exclusive selections to each question.
- Implement the ability to enter a title for the survey.
- Add functionality for Survey Coordinators to save and cancel survey creation.

4. Survey Conducting (2 days):
- Develop the capability for Survey Coordinators to open and close surveys.
- Enable Survey Respondents to select and respond to survey questions.
- Implement automatic unchecking of previously selected responses when a different choice is made.
- Add features for Survey Respondents to cancel or submit their responses.
- Display an error message if not all questions are answered before submission.
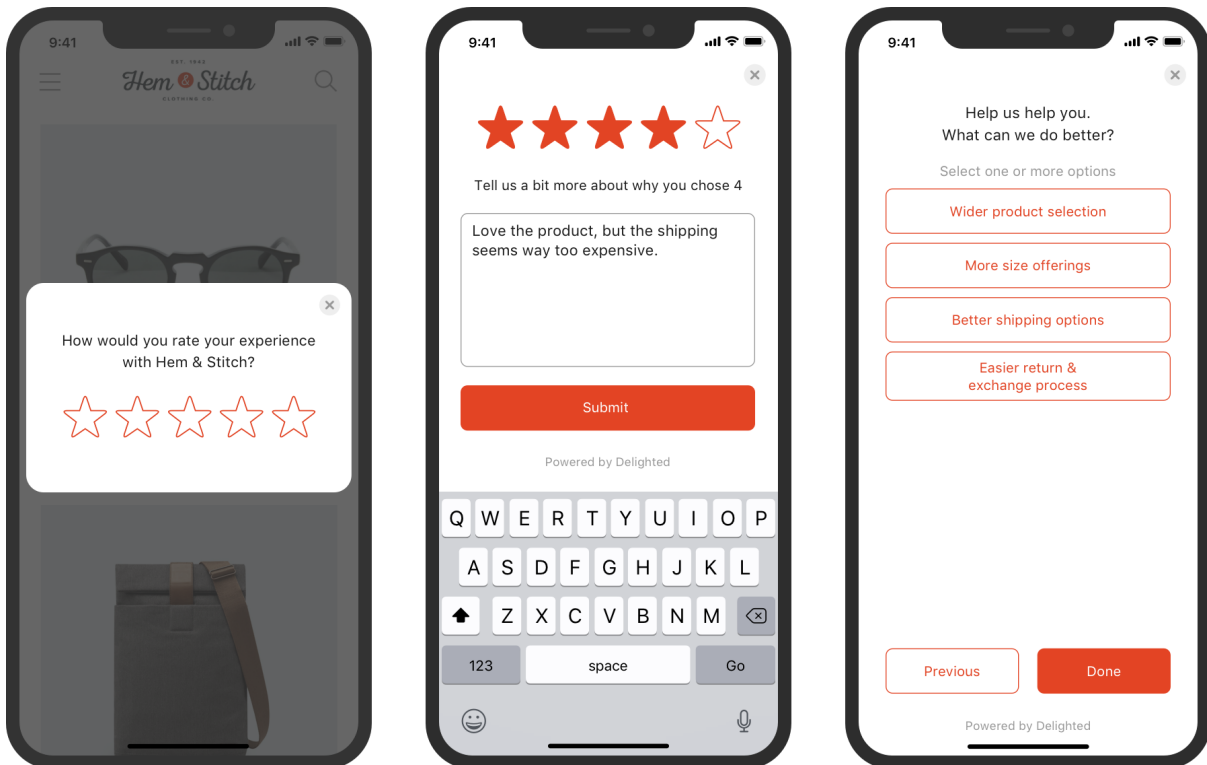
5. Survey Result Visualisation (2 days):
- Create tabular representations of survey results, displaying response counts for each question's selections.
- Implement graphical representations such as pie charts, bar charts, and column charts for both Survey Coordinators and Survey Respondents.

6. User Interface Refinement and Testing (2 weeks):

- Polish the user interface and enhance user experience.
- Conduct thorough testing to identify and fix any bugs or issues.

7. Documentation and Finalization (1 day):

- Document the project, including user manuals and technical documentation.
- Finalise the app for release.

Technologies Used:

- **Programming Language:** Java or Kotlin for Android app development.
- **Database:** SQLite or Firebase for storing survey data and user information.
- **Authentication:** Firebase Authentication for user login and registration.
- **UI/UX Design:** Android XML layouts for the user interface.
- **Chart Visualization:** Use Android libraries or third-party libraries for chart generation.
- **Version Control:** Git for code version control.

- **Development Environment:** Android Studio for Android app development.

Learning Outcome:

Developing the Survey App will provide several valuable learning outcomes for developers:

1. **Android App Development:** Gain hands-on experience in building Android applications, including user authentication, UI design, and data storage.
2. **Database Management:** Learn how to manage survey data and user information in a database, understanding database schema design and CRUD operations.
3. **User Authentication:** Implement user authentication and account management to secure the app's functionality.
4. **User Experience (UX) Design:** Focus on creating an intuitive and user-friendly interface to enhance the user experience.
5. **Chart Visualization:** Acquire knowledge of data visualization by incorporating various chart types to represent survey results.
6. **Project Planning and Management:** Develop project management skills by adhering to a structured timeline and handling potential challenges during app development.
7. **Documentation Skills:** Learn how to document the project effectively, aiding in future maintenance and collaboration.

By completing this project, developers will have a practical, full-featured app in their portfolio and a deeper understanding of Android app development and user-centric design.