# FAI Assistant App – Development Timeline and Feature Plan

## Summary

This document outlines the version 1.0 feature set, estimated development time, and recommended pricing model for the FAI Assistant app. It is designed as a primarily educational app to help users understand and correctly complete AS9102 First Article Inspection forms.

## Version 1.0 Feature List (Educational Focus)

* • Section-Based Learning: Organized by key topics like Full vs Partial FAI, form overviews, and common mistakes.
* • Form-by-Form Field Guidance: Each AS9102 form broken down with plain-English explanations and examples.
* • Glossary: Searchable list of terms with definitions and cross-links.
* • Quiz or Self-Test: Reinforce learning with basic multiple choice questions.
* • Offline Capability: Entire app functions without internet access.
* • No Account Required: User can open the app and immediately start learning.

## UI/UX Plan

Simple layout with a homepage containing large buttons to navigate to major sections. Forms are presented with scrollable cards, expandable field explanations, and optional 'real example' views. Includes optional dark mode toggle.

## Estimated Development Timeline (Total: ~25–35 Hours)

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| Phase | Task | Estimated Time |
| Planning | Define screens, structure, and assets with assistance. | 2–3 hours |
| Content Setup | Paste paraphrased AS9102 text into app screens. | 6–8 hours |
| UI Building | Use FlutterFlow to lay out screens and navigation. | 6–10 hours |
| Glossary + Quiz | Add glossary and build quiz logic. | 4–5 hours |
| Testing + Polish | Check layout, functionality, fix typos. | 3–4 hours |
| Publishing Setup | Prepare app store listings and assets. | 4–5 hours |

## Recommended Pricing

Launch as a one-time paid app for $9.99, optionally discounted to $4.99 for initial users. No account required, minimal friction. If more interactive features are added in the future, consider in-app purchases or subscriptions.