GOALS, DIRECTIONS, POSSIBILITIES, THOUGHTS

A: Temple Ready (research)

 - explicit indexing (work toward enabling others to process a book)

 - build GreenQQ indexer interface

 - re-code Annotator import (generate data.json & form.json)

 - add Annotator export for Individual form, plus all other downstream processing

 - revise PRF reporting

 - move indexing pipeline to dithers

 - implicit indexing (work toward creating a “Green” feedback loop for implicit indexing)

 - integrate the Individual/TempleReady form into the pipeline

 - create interface for the Individual/TempleReady form, including a nice layout of the form

 - implement initial name selection and automatic form fill

 - brainstorm issues involved in using GreenQQ for implicit indexing

 - investigate Green-ML & Green-NLP as tools for implicit indexing

B: Temple Ready (tech transfer)

 - Image Capture & Preprocessing: multilingual OCR and HWR (multilingual COMET)

 - User Search: hybrid keyword and semantic search (HyKSS)

 - Form Fill: automatic initialization; document-specific form fill; user correction (COMET)

 - Error Correction: adjustment to search repository (rerun of downstream pipeline)

 - Tree Import: check constraints; check for duplicates; resolve duplicates; post information

(ConstraintEnforcer, standardization & inference, D-Dup-like interface, source documentation)

C: Miscellaneous (back-burner projects)

 - tools: OntoES, GreenFIE, ListReader

 - papers (perhaps for invitations): GreenFIE (w/ Tae Woo), ListReader (w/ Thomas)

 - grand challenges (to which we may be able to contribute):

 - “Green Interaction” (systems that improve while being used for real-world applications)

 - “Teaching Computers to Read” (cognitive computing grand challenge)

 - “Web of Knowledge” (WoK vision with FamilySearch as an example)