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)