I. Patient Demographics/Clinical History
   - Date of birth
   - Race
   - Age at diagnosis
   - Family history of prostate cancer
   - Procedure
   - Date of Procedure
   - Date of Diagnosis
   - Specimen availability

II. Specimen level annotation (overall case accession attributes)
   - Prostate
     ▪ Histology
     ▪ Gleason Grade
     ▪ Size of tumor
     ▪ Presence of PIN
     ▪ Tumor attributes (Extracapsular, perineural, angiolymphatic invasion, etc…)
     ▪ Staging
   - Biopsy
     ▪ Histology
     ▪ Gleason Grade
     ▪ Percentage of biopsy occupied by tumor
     ▪ Presence of PIN
   - Lymph node
     ▪ Number positive/examined
   - Metastasis case
     ▪ Organ involved

III. Block level annotation (individual block attributes)
   - Prostate (Paraffin and Frozen blocks)
     ▪ Histology
     ▪ Gleason Grade
     ▪ Size of tumor
     ▪ Presence of PIN
     ▪ Tumor attributes (Extracapsular, perineural, angiolymphatic invasion, etc…)
   - Biopsy
     ▪ Histology
     ▪ Gleason Grade
     ▪ Presence of PIN
     ▪ Tumor attributes (Extracapsular, perineural, angiolymphatic invasion, etc…)
   - Lymph node
     ▪ Size of tumor
     ▪ Extracapsular extension
   - Metastasis blocks
     ▪ Size of tumor
     ▪ Therapy effect

IV. Treatment and outcomes annotation (Longitudinal data)
   - Bio-markers (i.e. PSA)
   - Treatment
   - Recurrence/Progression
     ▪ Clinical Recurrence
     ▪ Biochemical Recurrence
   - Last Follow up date/Vital status