Application Usability Level Checklist

Application _____ for end user _____
Project name and/or acronym _____

Phase I:
AUL1: Basic Research
❑Basic research is documented and disseminated
❑Ideas for how the product or service would meet the needs of a user
❑Potential interested users are identified

AUL2: Establishment of users and their requirements for a specific application
❑Decide on a specific user(s) and they are

_____
❑Contacted the user
❑Will communicate with the user every _____
   using (check all that apply)
      ❑Skype, google hangouts, or other meeting service
      ❑Email or mailing list : _____
      ❑Phone:_____
❑The application is : _____
❑The requirements and metrics necessary for this application and the user
   needs are:_____
_____

AUL3: Establishment of users and their requirements for a specific application
❑Application, user, metrics, and requirements are disseminated via

_____
❑All components of the project has been deemed viable and feasible
❑Characterization of the baseline performance and limitations has been
   completed
❑The project has been deemed an improvement on the state of the art
❑The project has been deemed viable.
❑The project has been deemed feasible.

Phase I completed on _____. Ready to move to Phase II

Application Usability Level Checklist

Application _____ for end user _____

Project name and/or acronym _____

❑Will communicate with the user every _____
   using (check all that apply)
      ❑Skype, google hangouts, or other meeting service
      ❑Email or mailing list : _____
      ❑Phone:_____

Phase II:

AUL4: Initial integration and verification

❑All components are integrated into the application

❑Organizational and human processes issues identified and managed.

AUL5: Demonstration in the relevant context

❑Reported on the project's viability and improvement upon the state of the art
   via _____

❑Application components are integrated into a functioning application system

❑The project is shown to work in the relevant context and within operating
   parameters.

AUL6:Complete validation

❑ The prototype has passed beta testing in a simulated operational environment

❑ Improvements on state of the art and/or in decision making context have
   been demonstrated.

❑ The projects progress, metrics, and validation (listed below) have been
   disseminated via_____:

   _____
   _____
   _____
   _____
   _____
   _____

Phase II completed on _____. Ready to move to Phase III

Application Usability Level Checklist

Application _____ for end user _____

Project name and/or acronym _____

❑Will communicate with the user every _____
  using (check all that apply)
      ❑Skype, google hangouts, or other meeting service
      ❑Email or mailing list : _____
      ❑Phone:_____

Phase III:

AUL7: Application Prototype

❑ The system is fully integrated into the operational environment.

❑The system's functionality is tested in the operational environment

❑The system's functionality is demonstrated in the operational environment

❑The new functionality is reported on to the wider community via _____

_____

AUL8: Validation in relevant "real world" environment

❑ The user has approved the addition of the new product to their operational
  system

❑ Product is shown to meet the specified requirements and metrics.

❑ The Application is qualified and approved by the user

❑ The product documentation is completed and given to the user

❑ The user training for the product has been completed.

AUL9: Approved for on-demand use towards stated application.

❑ The product is in a sustained and repeated use by the user

❑ Long term validation is completed in the operational environment

❑The use of the product for this application in the operational environment is
  reported to the wider community. via _____

❑ Application location (e.g. URL, DOI)_____

Phase III completed on _____. Ready to continue the long
term validation and next application