Graphical User Interface

Project Presentation
10.19.2001
Nancy Choi, Rose Liu, Kim Schwing, Amy Watson
Group Deliverables

- User and Project setup
- Control screens
- Interaction with database
- Computation based on data
Welcome Screen

- Screen that pops up when loading
  - Copyright
  - Version
- Continues to Login screen
User and Project setup

- “Login” screen
- Choose new or returning user
- Choose new or existing project
Control Screen

- Tabbed Format
  - GPS
  - Mapping
  - Hydrolab
  - Streamflow
  - Bio/Chem parameters
  - Manual (hydro parameters, etc.)
  - Database (edit or graph)
  - Comments
Interaction with database

- Sending field data to the database
- Unit conversion before or after data collection
Computation based on data

- ENVIT-Convert
- ENVIT-Graph
- ENVIT-Solver
- ENVIT-Calc
- Integrate with database and GUI
Next steps:

- Add functionality to forms and frames (Nov. 2\textsuperscript{nd})
- Integrate other group projects into GUI (December)
- Integrate computation tools (December)
  - Where are they needed?
  - How do they interact with database?
- Debug final product (December)
Questions