**Detailed Design**

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**Project 1: Group Matching App**

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**Detailed Design Issues**

<In this section, provide more details to the design issues discussed in the high-level design. Document the results of each design prototype. Document design decisions and associated risks. Provide sufficient detail so the maintainer won't have to say "why did they do it this way?">

**Detailed Design Information**

<In this section, include diagrams, listings, etc. to provide the complete details of the design of your product. A detailed class diagram is required. >

< The design documentation must be well organized, modular, and of sufficient detail such that the programmers will be able to start the implementation phase.>

**Trace of Requirements to Design**

<In this section, provide a trace of each requirement in your SRS to the design: for each requirement, indicate which module(s) will fulfill that requirement?>