Technical Skills Portion

Problem Set
Your job entails designing an application that performs the following objectives.

1) *enable a group of individuals to exchange news between each other in a mobile application format.*
2) *enable the user to use his or her phone's contacts book to invite other users to share news with him or her*
3) *when a story is forwarded by more than one person, track the article in a database of trending stories*
4) *classify each story by key words inside their title*
5) *clump all stories within a cluster, where the top keywords appear in a section of the app, where visitors can see the top trending stories, related to that key word (could be the name of a person or a topic)*

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1. design a simple set of wireframe user interfaces, illustrating the six requirements. They can be extremely simple and include little to no art skill.
2. define a use case diagram for the problem set
3. for the use case, define a static class diagram
4. draw a sequence diagram for the static class diagram
5. from the sequence diagram, refine the static diagram to include any inheritances or other object oriented relationships. Be sure to include instances of inheritance, polymorphism, aggregations in your class diagram.