Nate Ackermann, Nadia Asif, Polly Bainbridge, Calvin Lin, Sarem Rashid

Professor Densmore

EC327 Introduction to Software Engineering

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**Statement of Work**

1. Nate Ackerman-Interface Designer/Video designer
   1. Linking
      1. Ensured application pages could flow from one another in the desired manner
      2. Brought back end application components, like the maps activity page, and integrated it into the flow of the application
   2. Video design, filming, and editing
   3. Github initial setup
   4. Created flow chart for section 2.1 of ProjectDocumentation document
2. Nadia Asif-Documentation manager
   1. Wrote components of ProjectDocumentation document (parts of Section 2)
   2. Edited parts of ProjectDocumentation
   3. Wrote slides 3-9 on ProjectArchitecture powerpoint
   4. Designed Wakki image
   5. Provided content for video
3. Calvin Lin-Group Leader/processing designer
   1. Backend coding for Google Firebase
      1. User creation
      2. Authentication
      3. Data retrieval/storage
   2. Linking between Firebase components and app-level objects
   3. Wrote components of ProjectDocumentation document relating to Firebase/database usage
   4. Created workflow diagram for Firebase
   5. GitHub management
4. Sarem Rashid-Processing Designer
   1. Backend coding Maps interface using:
      1. Google Maps API
      2. Google Map Directions API
      3. Google Map Places API
      4. GPS LocationManager
   2. Linking Maps Components to main app activities
   3. Calculating and returning walking route distance
   4. Wrote components of ProjectDocumentation document (parts of Section 2.2)
   5. Developed logical flow chart for back-end Maps processing
   6. Provided content for video
5. Polly Bainbridge-GUI Designer, Documentation
   1. Developed UI design in Android Studio
   2. Designed logo
   3. Completed ProjectTimeline document
   4. Created and wrote components of Project Documentation document (Section 1, 2.1, 2.2.3, 2.3, 3.2, 3.3, and 4)
   5. Created and wrote slide 2 on ProjectArchitecture powerpoint