The new Todo App
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1. **Abstract**
   a. **Project Purpose**
      i. Most To-do apps out there aren't good, are not intuitive to use and have to many features. My project hopes to solve that problem by create a intuitive and easy to use TODO app
   b. **Background/Motivation**
      i. I've always been interesting in learning iOS development but have never had the time or passion to start learning on my own. This will be the perfect opportunity to learn and meet deadlines while learning and new language and create a cool app.
2. **Technical Specifications**
   a. **Platform:** iOS App
   b. **Programming Languages**: Swift, Objective-C
   c. **Stylistic Conventions:** Functions commenting, algorithm commenting, consistent and logical naming, camelCase
   d. **SDK :** iOS 9.2.1
   e. **IDE:** Xcode
   f. **Tools.Interfaces:** iPhone 6s
   g. **Target Audience:** College students and people who need to keep track of all their work
3. **Functional Specifications**
   a. **Features**
      i. Users will be able to add and remove todo's on the application
      ii. Users will be able to set notification times for the particular item for phone to alert them
      iii. Users will also be able to set options of email notification for certain items
   b. **Scope of project**
      i. Application is limited to iOS users
      ii.

4. **Timeline**
   a. **Week 1: Front end interace**
      i. Learn iphone layout and swift and have ability to add tasks within app and have them appear
      ii. Be able to add and remove tasks from the app
   b. **Week 2: Create backend to store events**
      i. Create a database to store or store in memory the tasks so that we can send notifications
      ii. Store the events in database or in memory with task and time to get notifications
   c. **Week 3**

        i. Add email notifications so that when users are within certain time lift of todo starting they get an email notifications or if they forgot to check off todo

    d. **Week 4**

        i. Add recurring tasks so if a user wants to get notification every day about a habit keep it persistent so once it checks off need to reset time

        ii. Allow users to assign importance to tasks and so for more important task users will get more notifications

5. **Future Enhancements**

    a. In the future it would be cool to add some algorithm to search their calendar and find the best times to notify users for when they should complete a task.