1. Single Technology Platform:  
   Graphical user interface, text, application, email

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   1. All the components in Monolith app must be developed using single platform.
   2. It is because by definition monolith is single process.
   3. Sometimes it is good idea to use more than one platform in a single app especially when there are specific capabilities of that platform that can be in case in the app.
   4. In monolith, we can’t use specific platform for specific feature, and we’re tired to the initial choice.  
      For example: If our app is developed using NodeJS which is especially good at handling short web request but then we get a new requirement to handle documents which NodeJS can’t excel at and we have to use NodeJS even though there is a better platform for this task such as DOT NET.
   5. Future upgrade is a problem.   
      For example, we’re using Java8 and want to upgrade to Java9. We can’t upgrade only a specific part of the app but we have to do that for all the components at once which will force us to test the whole system and will make the whole upgrade process much longer.
2. Let’s look at the monolith app and see how this problem looks like.   
   The monolith app can be developed using single platform such as the below  
   Diagram

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   But the following is not possible  
   Diagram

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