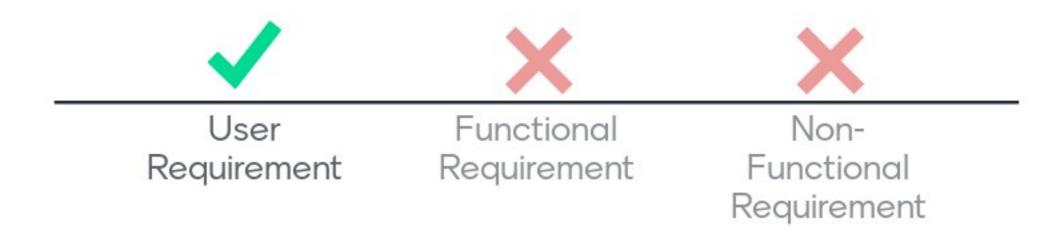


"Loading data and making graphs from it easily with a simplified user interface"





"Being able to load 10MiB of data in less than a second"





"Being able to load data from CSV spreadsheet formatted files"





"Has a small screen and 5 big buttons"





"Must record data anonymously because of privacy laws"









Requirement



Constraint



"Software must be finished by April"





"Collects information about the experience of shoppers at our stores"





"Small kiosk for standing people to use"





What UI should be chosen for software that will only be used for a few minutes every month?







In a UML Sequence Diagram, time goes...



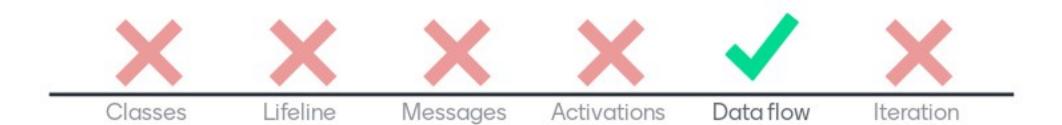


In a UML sequence diagram, vertical dashed lines...



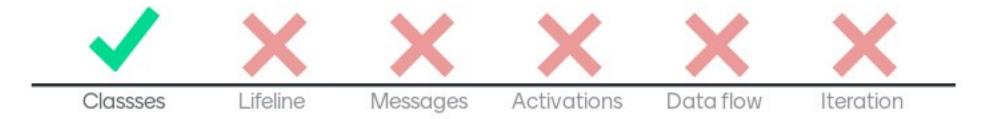


In a UML sequence diagram, horizontal dashed lines...



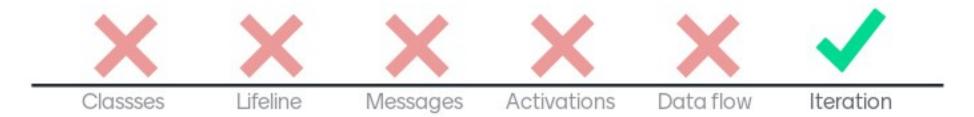


In a UML sequence diagram, columns represent...



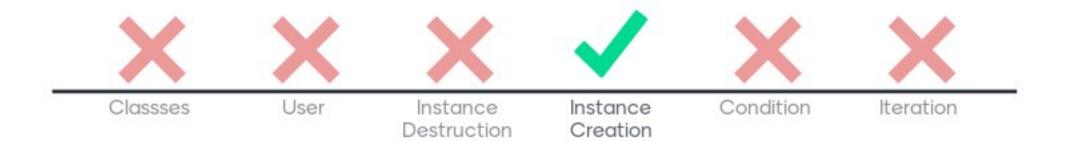


In a UML sequence diagram, * represents...



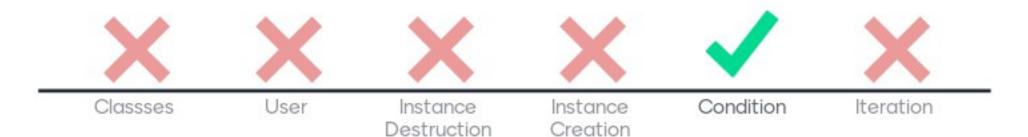


In a UML sequence an arrow pointing to the top of a column represents...



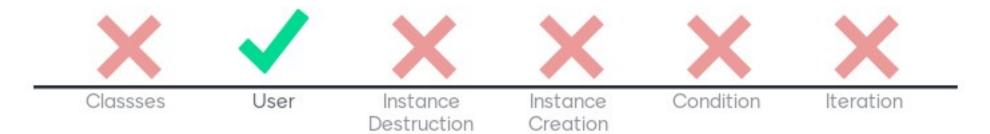


In a UML sequence square brackets [] represents...



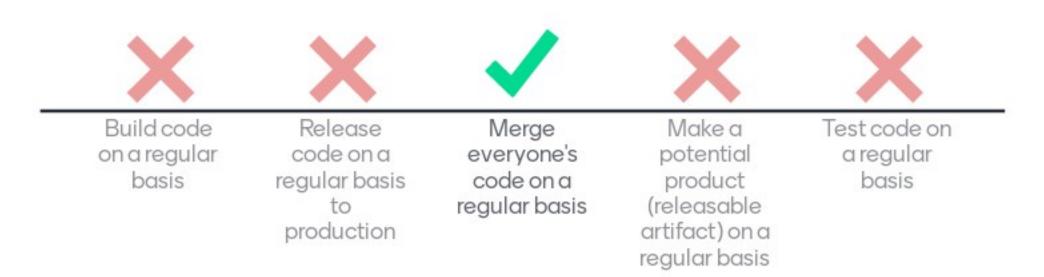


In a UML sequence stick figure represents...





What is the first level of Continuous Integration?





What is the second level of Continuous Integration?





Release code on a regular basis to production



Merge everyone's code on a regular basis



Make a potential product (releasable artifact) on a regular basis



Test code on a regular basis



What is the third level of Continuous Integration?



Build code on a regular basis



Release code on a regular basis to production



Merge everyone's code on a regular basis



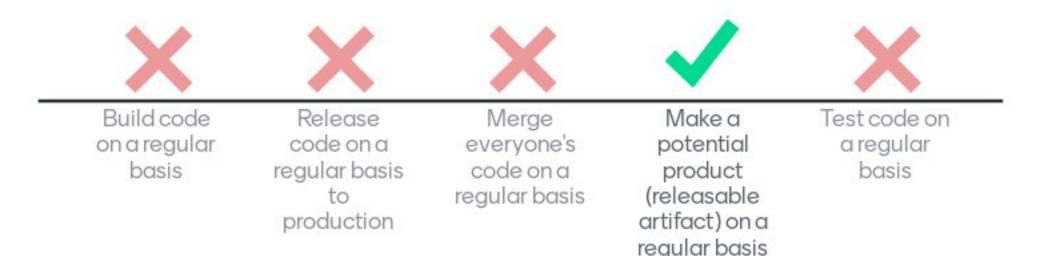
Make a potential product (releasable artifact) on a regular basis



Test code on a regular basis

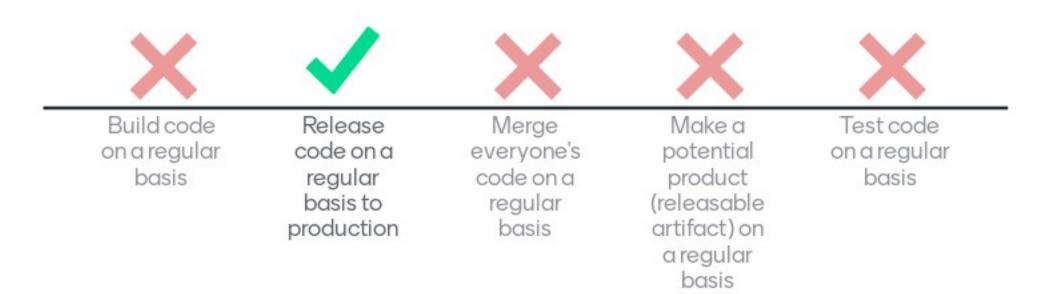


What is the fourth level of Continuous Integration (Continuous Delivery)?





What is the last level of Continuous Integration (Continuous Deployment)?





Responding quickly to changing requirements?





Releasing working products often?



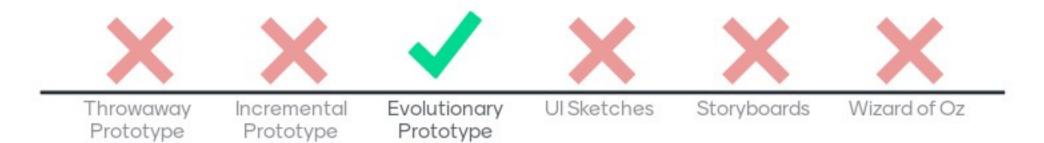


Sustainable pace?



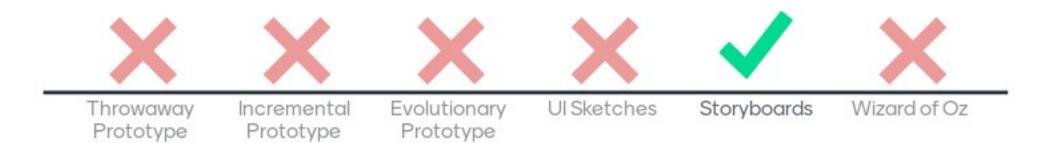


Each iteration of the prototype, every feature gets a little better.



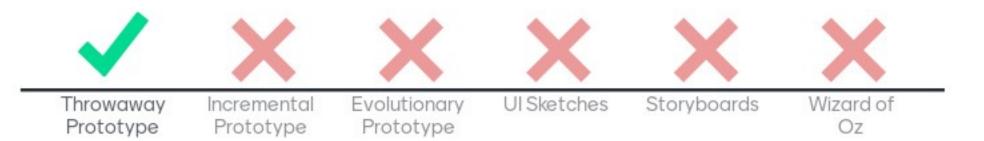


Visual example of how a user might go through completing a task in the Ul



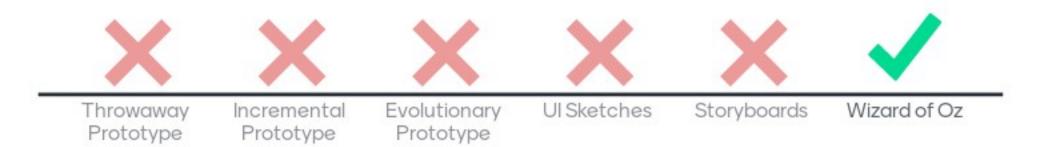


Each iteration we make a new prototype



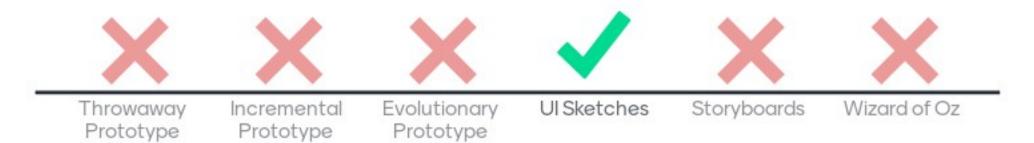


There's a person running things but it looks like its code doing the work





Drawings of what the various screens would look like





Increased complexity from multiple versions at once





Customer has to wait a long time





Nobody can commit&push code that doesn't compile





In an app about Pokemon, a Pokemon's current level should be kept in the





In an app about Pokemon, a Pokemon's picture should be kept in the





In an app about Pokemon, the player tells what to have their squirtle do a water gun attack?





When I walk my poisoned pokemon, it slowly loses health... what should contain the code for that?



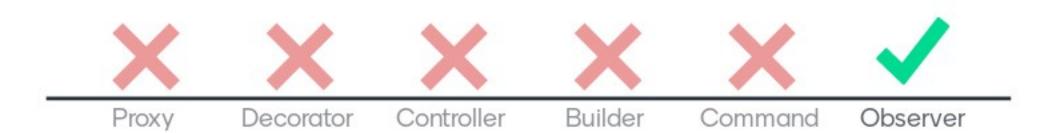


When I save my Pokemon game, what is going to be saved?





What pattern is used in the kind of MVC we do in this class?





In the MVC used for our class, ever model can have how many views?





In the MVC used for our class, every view can have how many controllers?





In the MVC used for our class, every controller can have how many models?





In Java if I see SomeClass<T>, what is the T?





What changes the model?





What updates the views?





What makes things so the user can see them?





What does the user give commands to?





What should be INDEPENDENT of the UI toolkit (android/ios/windows...) used?





What should call methods of the UI toolkit (android/ios/windows...) used?





What should contain the representation of the core concepts (nouns/verbs from OOAD)?





What goes on the top of a CRC card?





What goes on the LEFT of a CRC card?





What goes on the RIGHT of a CRC card?





What goes on the BACK of a CRC card?



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