generate

1) identify the challenge & users

think big! what is the **problem? who** is affected by it? what is known/unknowh? orient yourself with all of the project's who, what, why, when & how

Better Visualisation op the cryptomerencies and teansaction between them

3) check with users or explore data

data: characterize aspects of the data what is it like?
didn't have contact with

SUSCES.
I contains 100 coins, coinsto-usd excharge, volume 24
between coins.

11 get the real data and talk to real users if possible.

2) find questions & tasks

what can you ask about the challenge? what do users want to do with data? think high and low level, revisit this worksheet to break these down further. Is there a better way to present it hum an excel

present 9+ than an excel table? can we eppiriently customize an analysis? How do we know that 9+ 95 expirient?

11 box #3 may help you revisit this box later

4) brainstorm design requirements

what are recurring bends? what are key design opportunities? are there constraints worth listing?

- Geaph 3 designs - Heatmap 3

-Too many thansactions conceens -Too many rades foe pluid analysis

5) compare and rank design requirements

choose a method for comparison: pros/cons table, rank based on your findings user needs/tasks, cross out the list based on listed justifications, or pick top 3 to keep and why, explain and review with a group or partner.

11 is this the right challenge to tockle? is there enough detail? or too much? too many or not enough requirements? complete this works heat good to refer to the project.

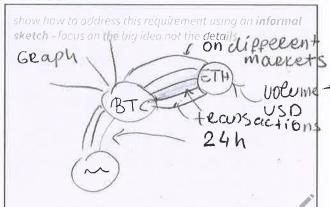


generate

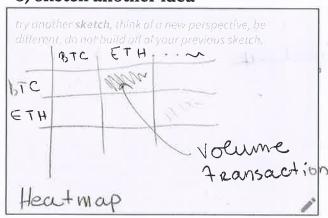
how might we address the challenge using the requirement? which questions would a user ask? revisit this worksheet for each important design requirement. Can I compare teams a drions without switching tabs?
How much times does it takes to use 97?

!! revisit this worksheet for all important

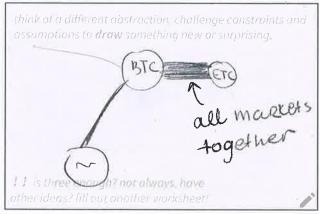
2) sketch first idea



3) sketch another idea



4) sketch a final idea



5) compare and relate your ideas

for each sketch, break apart what works well (*) and what doesn't (-) in the table below, make connections, reflect on best parts, can you combine ideas? review the table with a partner or group.

	oo many links, if picult to intered	The heatmap is almost empty	losing information about malexets
Ah			about markets
15	the information on the geaph.	Pont have to deal with intersecting	The graph is much cleaner
-		7	The size of the link keeps the inpolanation for total transacti



goal: concretize ideas into tangible prototypes which are approximations of a product in some aspects

artifacts: prototypes

1) set an achievable goal

what should the prototype achieve? what are the specific criteria for success? break a larger goal into parts with clearer feature sets.

- Sumarize a lot of info
- Easier treatment of informulips
- make a graph with a lot
- !! break a goal apart into multiple and create a worksheet for each sub-goal

3) plan support for interactions

what can the user do? what is required given the chosen encodings? justify your design decisions.

The user will have the possible to create and analyze it's own network of coins.

By electing a coin it will be placed on a hist for comparison of coins.

2) plan encodings & layouts

what are good visualization encodings or layouts for which data? use the ideas you just come up with, and remember to justify for users and their tasks.

Website, Will be easily accessible.

4) sketching additional views

Geaph of III III on dif.

What Modifies the state must be seen? brainston of nocles

Geaph of III III on dif.

Work the proper change will be seen? brainston of the second of the secon

5) build the prototype and check-in

are your **goals met** by the prototype? test with users if possible, are design decisions properly justified? do any need to be revisited? were any new constraints or limitations discovered? write down your progress and additional justifications below review this progress and the prototype with a partner or your group.

Didn't have the opportunity to test with a vector

I did the prototype meet its goal/s? measure its success, make sure you have addressed the design requirement, does the prototype try to do too much?



generate

goal: bring a prototype into effective action in order to support real world users' work & goals

artifacts: visualization system

1) pinpoint a target audience

who are you deploying to? what are their **goals**? what will qualify this deployment as a success?

People inveisting in for interested in approximenties.

!! does this audience match your users back on the Understand sheet? If not, revisit previous sheets!

3) improve points of integration

setup backend for dotascerping: No weit time for olater Schaping the when loading the

2) fix usability concerns

can the tool be easier to use? what elements & interactions can be twocked to avoid frustration?

The visual such on soll about good visualisation.

Or -paus is on making

the analysis of ceyptocuelencies + rivial.

11 is this a new kind of interaction? should you ideate on the idea here instead?

4) refine the aesthetics

is the use of color and typography consistent? what about the layout of use of whitespace? make it look pleasing!

It is important. We plan to pocus on that.

5) consider a method to evaluate your system

take a look at the provided supplement of possible methods, how would you test your system? what would be a successful test of this system? write an evaluation plan here, tolk through this plan with a partner or your group if you have time, test with one or more users, summarize your findings, insights, and recommendations below.

1.1 did any of the usability, integration, or aesthetic changes result in new ideas or requirements? revisit earlier worksheets as needed!

