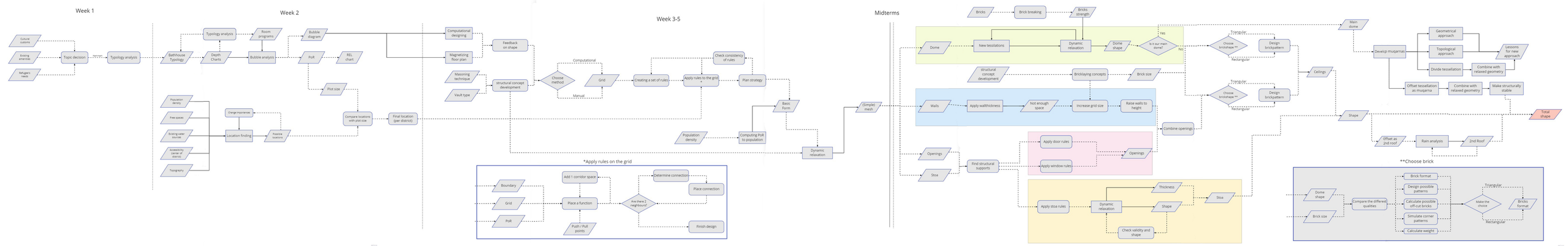
Week 1
Week 2
Week 3-5
Midterms
Culture customs
Evening amenities
Refugee's needs
Topic decision
Typology analysis
Bathhouse Typology
Typology analysis
Room programs
Depth Charts
Bubble analysis
Bubble diagram
PoR
REL chart
Plot size
Population density
Free spaces
Existing water sources
Accessibility (areas of district)
Topography
Change importances
Location finding
Possible locations
Compare locations with plot size
Final location (per district)
Computational designing
Magnetizing floor plan
Masoning technique
Vault type
Feedback on shape
structural concept development
Choose method
Computational
Manual
Grid
Creating a set of rules
Apply rules to the grid
Check consistency of rules
Plan strategy
Basic Form
Population density
Computing PoR to population
Dynamic relaxation
(Simple) mesh
*Apply rules on the grid
Boundary
Grid
PoR
Add 1 corridor space
Place a function
Push / Pull points
Are there 2 neighbours?
Determine connection
Place connection
Finish design
Bricks
Brick breaking
Bricks strength
Dome
New tessilations
Dynamic relaxation
Dome shape
Is it our main dome?
Yes
No
Choose brickshape **
Triangular
Rectangular
Design brickpattern
Main dome
structural concept development
Bricklaying concepts
Brick size
Walls
Apply wallthickness
Not enough space
Increase grid size
Raise walls to height
Combine openings
Openings
Stoa
Find structural supports
Apply door rules
Apply window rules
Apply stoa rules
Dynamic relaxation
Thickness
Shape
Check validity and shape
Ceilings
Develop muqarnas
Geometrical approach
Topological approach
Divide tessellation
Combine with relaxed geometry
Lessons for new approach
Offset tessellation as muqarnas
Make structurally stable
Total shape
Offset as 2nd roof
Rain analysis
2nd Roof
**Choose brick
Dome shape
Brick size
Compare the different qualities
Brick format
Design possible patterns
Calculate possible off-cut bricks
Simulate corner patterns
Calculate weight
Make the choice
Bricks format