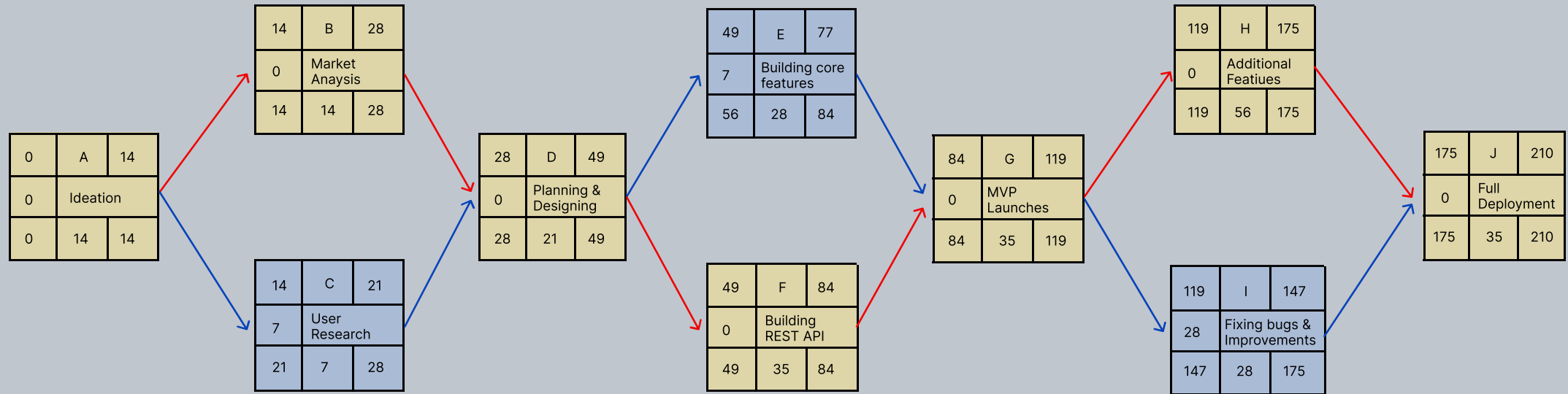


Project Network - Forward & Backward Passes - AoN Diagram



Legend -

ES	ID	EF
SL	Description	
LS	DUR	LF

ES	Early start
EF	Early finish
ID	Activity ID
SL	Slack
LS	Late start
LF	Late finish
DUR	Duration (in days)

Slack University

ID	Description	Preceding Activity	ID	Description	Preceding Activity
A	Ideation	-	F	Building REST API	D
B	Market Analysis	A	G	MVP Launches	E,F
C	User Research	A	H	Additional Features	G
D	Planning & Designing	B,C	I	Fixing bugs & Improvements	G
E	Building Core features	D	J	Full Deployment	H,I

In what types of organizational structures would they be helpful? Why?

A project network diagram would be useful for organizations that use the waterfall methodology of project management, such as manufacturing and construction. In such organizations all planning is done ahead of time, and having a project plan can help measure project progress.

In what types of organizational structures would they be unnecessary? Why?

Project network diagrams are redundant in organizations that use agile project management methods. Because these diagrams do not allow for iteration, improvement, or testing and focus on scheduling the projects. Furthermore, in an agile setting, the length of each sprint is predetermined and does not vary based on pending work.