1000 1500 500

	Return	Risk	Loss
Trading	50	50	50 (x)
Services	25	0	— —
Loan Lending	50	25	50 (y)

$R_{share}/K_{share} = R_{estate}/K_{estate}$
$K_{share} = 50$
$K_{estate} = 10$

$R_{share} = 5 * R_{estate}$

1000 Asset A ,
ret 100% , risk 0% -> 2000 (1000 + 1000)
ret 0% , risk 0% -> 1000 (initial)
ret 0% , risk 100% -> [0,1000]
ret 100% , risk 50% -> [0,2000
ret 0% , risk 100% (loss 25%) -> {750}
ret 100% , risk 50% {loss 25%} -> {750, 2000}
ret 100% , risk x% {loss 25%} -> {750,2000}
ret 100% , risk 100% {loss y%} -> {1000 - y*1000}
ret 100% , risk 50% {loss y%} -> {1000 - y*1000, 2000}
ret 100% , risk x% {loss y%} -> {1000 - y*1000, 2000}
ret w% , risk x% {loss y%} -> {1000 - y*1000, 1000+w*1000}

z = x*(1000 - y*1000) + (100-x)(1000+w*1000)

Models(?)

INDIVIDUAL [Low Risk] ->
-> ASSETS -
[ ] Mutual Funds (A1)
[ ] Real Estate (A2)
[ ]

-> LIABILITY -
[ ] Maintenance
[ ] Loan Repayment
[ ] Taxes

ORGANISATION [High Risk] ->
-> ASSETS -
[ ] Stock Trading
[ ] Services Provided
[ ] Loan Collection
-> LIABILITY -
[ ] Wages
///[ ] Building Expenses
[ ] Non-Performing Loans

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[x] Pranav Constraint (LPP, Complicated Solution, Easy Objective…..)

HELP!

[ ] Book/Internet/Resource

[ ] Seniors

[ ] Contact Batch-mates

[ ] Objective Linear (LPP)

[ ] Complex solution

[ ] Constraints Linear

To Do

[x] Constraints for model 1

[x] Constraints for model 2

[x] Matlab for model 1

[x] Matlab for model 2

[x] Polish Document
