

$$1.759$$

$$s\phi_k \quad \text{and} \\ (t-t_0)$$

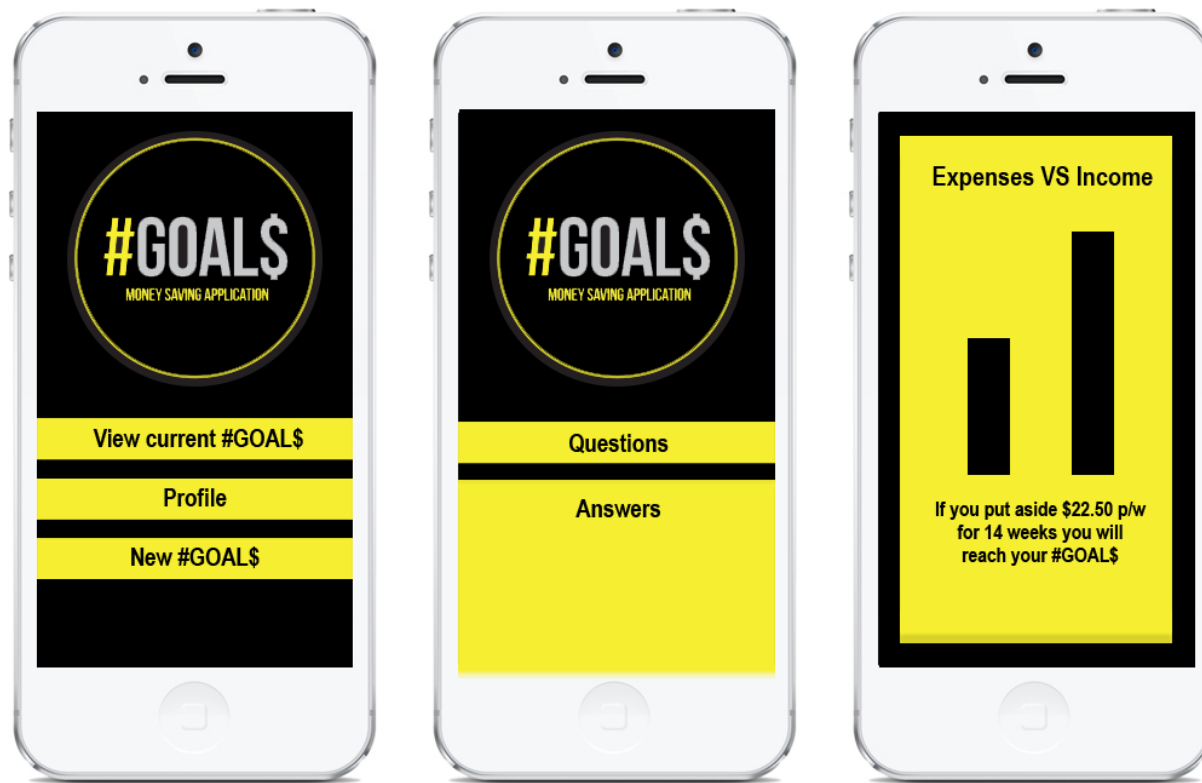
$$\frac{\kappa)e^{-\kappa}}{SF} e^{-\frac{1+\kappa}{PSI}D_R} 21 \pm \left(\sqrt{\frac{4K(1+K)}{(A_{PSI} + \eta)^2}} + \kappa^2 \right) \text{ and}$$

Problem:

I want to buy an item that costs \$_____ by a certain date.

How much money do i need to save each day, week , month or year to obtain this item?





Features:

- Expenses tracker
- Outcomes- food, transport, clothing, partying, rent, bills etc
- Calculates daily, weekly, fortnightly, monthly, quarterly or annually savings to reach goal.
- Future forecast if conditions stay the same

Implemented Code

Adds each value within the Array

```
38 class Expense
39   def initialize(spending)
40     @spending = spending
41   end
42   attr_accessor :spending
43   def shoppingcart(cart)
44     cart.inject(0){|sum,x| sum + x }*4
45   end
46 end
```

Implemented Code

Uses While Loop to record/push user input “X” amount of times.
In turn we used the For Loop to return that input “X” amount of times.

```
73 puts "How many expenses do you have?"
74 expense_count = gets.chomp.to_i
75 system("clear")
76 i = 0
77 while i < expense_count
78   puts "Enter expenses:"
79   input = gets.chomp
80   system("clear")
81   array << input
82   i += 1
83 end
84
85 money = Expense.new(array)
86
87 money.spending.each do |x|
88   puts "How much do you spend on #{x} per week?"
89   answer = gets.chomp.to_i
90   system("clear")
91   cart << answer
92 end
```