

## PROJECT WIREFRAME DOCUMENT

Project Title	Credit Card Default Prediction				
Technologies	Machine Learning Technology				
Domain	Banking				
Project Difficulties level	Intermediate				
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## **USER INTERFACE**

The user interface consists of a simple frontend made using HTML. The home webpage allows the user to input the numerous features that are used to determine whether a customer is going to default on the next payment. The information that is to be entered consist of 'Demographic Data' including Gender, Education, Marital Status etc. and 'Behavioral Data' consisting of Repayment Status, Bill Amounts, and Previous Payments on a monthly basis. All the details are to mandatorily provided and failure to do so will result in an error

	Credit Card Defaulter Prediction						
Demographic Data:	Behavioral ata:					<del></del>	
Gender:		Repayment Status:  (-1=pay duly, 1=one month delay, 2=two months delay, 9=delay for nine months and above)					above)
○ Male ○ Female		April May	June	July	August	September	
Education:		April May	0	0	0	0	
● Graduate School ● University ● High School ● Others ● Unknown  Bill Amounts: Amount of bill statements (in dollars)							
Marrital Status:							
● Married ● Single ● Others		April 0	May 0		June 0		
Age: in years		July 0	August 0		Septe 0	ember	
		•	ts: Amount of previou	s payment			
Limit Balance:		April	May		June		
Amount of given credit in dollar (includes individual and family	//supplementary credit)	0	0		0		
amount in dollars		July	August			ember	
		0	0		0		
Predict							

— Behavioral ata:  Repayment Status:  (-1=pay duly, 1=one mont	h delay, 2=two months dela	ay, 9=delay for nine months and above)					
April May 0	June July 0 0	August September 0					
Bill Amounts: Amount of	bill statements (in dollars)						
April	May	June					
0	0	0					
July	August	September					
0	0	0					
Previous Payments: Amount of previous payments (in dollars)							
April	May	June					
0	0	0					
July	August	September					
0	0	0					
Predict							



Once all the details are provided, they will be sent to the backend where the chosen model will predict if the customer will default on the next month payment. Consequently the page also resets to allow further predictions.

	Credit (	Card Defaulter Pre				
Demographic Data:	Behavioral ata:					
Gender:  ■ Male ● Female		Repayment Status:  (-1=pay duly, 1=one month delay, 2=two months delay, 9=delay for nine months and above)				
Education:		April May  1 -2	June July 1 -1	August September		
O Graduate School O University O High School O Others Unknown  Marrital Status:  Bill Amounts: Amount of bill statements (in dollars)						
● Married ● Single ● Others		April 500 July	May 5000 August 300	June 6000 September		
Age: 22  Limit Balance:		200 Previous Payments: Amo		(in dollars)		
Amount of given credit in dollar (includes individual and family	/supplementary credit)	April 4000 July 405	May 2500 August 309	June 1000 September 201		
Predict						

	Credit Card Defaulter Prediction					
Demographic Data:	Behavioral ata:					
Gender:		Repayment Status: (-1=pay duly, 1=one month delay, 2=two months delay, 9=delay for nine months and above)				
Education:		April May 0	June July 0 0	August September 0		
○ Graduate School ○ University ○ High School ○ Others	<ul><li>Unknown</li></ul>					
Marrital Status:		Bill Amounts: Amoun	t of bill statements (in dolla	ars)		
■ Married ■ Single ■ Others		April 0 July	May 0 August	June 0 September		
Age: in years		0	0	0		
	Previous Payments: Amount of previous payments (in dollars)					
Limit Balance: Amount of given credit in dollar (includes individual and family/supplementary credit) amount in dollars		April 0	May 0	June 0		
		July 0	August 0	September 0	4	
Predict  NO DEAULT: Credit Card holder will not default on next month payment						