

Pro	oject ID	PW21KS04			
Project Title Style Consistent Kannada font generation					
We	eek Starting Date	10/8/2020 Week Ending Date 16/8/2020			
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633
Ac	tivities Completed				
#	Tasks		Date	Remark	S
0					
In	Progress			_	
#	Tasks		Date	Remark	S
1	Topic selection		16/8/2020		
2	Literature survey or topics	Machine learning	16/8/2020		
Pla	n for Next Week				
#	Tasks		Date	Remark	S
1	Literature survey of topics	on image processing			

PESU Confidential Page 1 of 17



Pr	oject ID	PW21KS04			
Project Title Style Consistent Kannada font generation					
We	eek Starting Date	17/8/2020 Week Ending Date 23/8/2020			23/8/2020
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633
Ac	tivities Completed				
#	Tasks		Date	Remarks	
1	Literature survey of topics	on machine learning	ne learning 17/8/2020		
In	Progress				
#	Tasks		Date	Remarks	
1	Topic selection		23/8/2020		
2	Literature survey or topics	image processing	23/8/2020		
Pla	nn for Next Week		•		
#	Tasks		Date	Remarks	
1	Finalise topic and survey into the top				

PESU Confidential Page 2 of 17



Pro	oject ID	PW21KS04			
Pro	ject Title	Style Consistent K	annada font ge	eneration	
We	ek Starting Date 24/8/2020 Week Ending Date 30/8/202			30/8/2020	
Name		Saahil B Jain Jeevana R Hegde			PES1201700241 PES1201700633
Act	ivities Completed				
#	Tasks		Date	Remarks	
1	Topic selection		26/8/2020	Font Gene	ration
In I	Progress				
#	Tasks		Date	Remarks	
1	Literature survey or	n Font Generation	30/8/2020	Scope, Previously done work on font generation	
Pla	n for Next Week				
#	Tasks		Date	Remarks	
1	Literature survey on Font Generation				
2	Deciding approach			Should we other appr	use GANs or roach
3	Data collection				

PESU Confidential Page 3 of 17



Pro	ject ID	PW21KS04			
Pro	ject Title	Style Consistent K	annada font g	generation	
We	ek Starting Date	ate 31/8/2020 Week Ending Date 6/9/2020			6/9/2020
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633
Act	ivities Completed				
#	Tasks		Date	Remarks	
1	Topic selected update	ted	2/9/2020	Kannada Font Generation	
2	Topic selected update	ted	4/9/2020	Style Consistent Kannada Font Generation	
In I	Progress				
#	Tasks		Date	Remarks	
1	Literature survey on F	ont Generation	6/9/2020	Previously done work on font generation	
2	Literature survey on N Automata	Veural Cellular	6/9/2020	Understan	ding working
3	Data collection		6/9/2020		
4	Preparing for Review 1		6/9/2020		
Pla	n for Next Week		!		
#	Tasks		Date	Remarks	
1	Start downloading d	ata			

PESU Confidential Page 4 of 17



Pro	oject ID	PW21KS04				
Pro	oject Title	Style Consistent K	annada font ge	eneration		
We	ek Starting Date	7/9/2020	Week Ending Date		13/9/2020	
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633	
Act	tivities Completed					
#	Tasks		Date	Remarks	5	
1	Literature survey	on Font Generation	8/9/2020	Papers lil GlyphGAl	ke Deep-Fonts and Ns	
2	Preparing for Revi	ew 1	8/9/2020		Papers like Deep-Fonts and GlyphGANs	
In	Progress			-		
#	Tasks		Date	Remarks	5	
1	Literature survey or Automata	n Neural Cellular	13/9/2020	Work dor Cellular A	ne using Neural Automata	
2	Data collection		13/9/2020			
Pla	n for Next Week		1	-		
#	Tasks		Date	Remarks	5	
1	Start ground work Automata	for Neural Cellular				

PESU Confidential Page 5 of 17



Project ID PW21KS04 Project Title Style Consistent Ka					
			annada font generation		
Week Starting Date 14/9/2020 Week Ending Date 20/9			20/9/2020		
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633
Act	tivities Completed				
#	Tasks		Date	Remarks	1
1	Data collection		16/9/2020	Took screenshots from websites	
2	Literature survey Automata	on Neural Cellular	17/9/2020		
In	Progress		!		
#	Tasks		Date	Remarks	3
1	Start training basic Automata for the fir		20/9/2020		
Pla	n for Next Week		:		
#	Tasks		Date	Remarks	3
1	Complete training Automata for the f	basic Neural Cellular First vowel			

PESU Confidential Page 6 of 17



Project ID PW21KS04						
Project Title Style Consistent Kannada font generation						
Week Starting Date		21/9/2020	Week Ending Date		27/9/2020	
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633	
Act	tivities Completed					
#	Tasks		Date	Remarks		
1	Trained a simple N Automata for the fi		modifica		uires a lot of ation for onal purpose	
In 1	Progress			:		
#	Tasks		Date	Remarks		
1	Update script to be a neighbourhood extra		27/9/2020	Had to che structure functions	ange class and add change	
Pla	n for Next Week			:		
#	Tasks		Date	Remarks		
1	Train Neural Cellul first vowel with up	ar Automata for the dated script				
2	Check for working	of updated script				

PESU Confidential Page 7 of 17



Pro	oject ID	PW21KS04			
Pro	oject Title	Style Consistent K	annada font ge	eneration	
We	Week Starting Date 28/9/2020		Week Endir	ng Date	4/10/2020
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633
Act	tivities Completed				
#	Tasks		Date	Remarks	S
1	Update script to be neighbourhood ex	e able to modify the traction filter	29/9/2020		
In	Progress				
#	Tasks		Date	Remarks	
1	Train Neural Cellula first vowel with upo		4/10/2020		
2	Check for working o	of updated script	4/10/2020		
Pla	n for Next Week				
#	Tasks		Date	Remarks	S
1		d testing of Neural for the first vowel ot			
2	Train Neural Cellu				

PESU Confidential Page 8 of 17



Pro	oject ID	PW21KS04				
Project Title Style Consistent Kannada font generati						
Week Starting Date 5/1		5/10/2020	Week Ending Date		11/10/2020	
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633	
Ac	tivities Completed					
#	Tasks		Date	Remar	ks	
0						
In	Progress					
#	Tasks		Date	Remarks		
1	Train Neural Cellula first vowel with upo		11/10/2020			
2	Check for working o	of updated script	11/10/2020			
Pla	nn for Next Week					
#	Tasks		Date	Remar	ks	
1		d testing of Neural for the first vowel pt				
2	Train Neural Cellu other letters with					

PESU Confidential Page 9 of 17



Pro	oject ID	PW21KS04			
Pro	oject Title	Style Consistent Ka	annada font ger	neration	
We	ek Starting Date	12/10/2020	Week Ending	g Date	18/10/2020
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633
Act	ivities Completed				
#	Tasks		Date	Remark	s
1	Train Neural Cellula first vowel with upo		13/10/2020		
2	Check for working o	of updated script	14/10/2020		
In l	Progress				
#	Tasks		Date	Remark	S
1	Train Neural Cellular letters with updated s		18/10/2020		a small batch of rithout any
2	Preparing for Review	2	19/10/2020		
Pla	n for Next Week		1	1	
#	Tasks		Date	Remark	S
1	Data collection of le	tters with maatras			

PESU Confidential Page 10 of 17



Project ID PW21KS04						
Project Title Style Consister			Kannada font generation			
We	Veek Starting Date 19/10/2020 Week Ending Date 25/10/20			g Date 25/10/2020		
Name		Saahil B Jain Jeevana R Hegde	SRN	PES1201700241 PES1201700633		
Act	ivities Completed					
#	Tasks		Date	Remarks		
1		Train Neural Cellular Automata for other letters with updated script		Trained on a small batch of letters without any maatra		
In F	Progress					
#	Tasks		Date	Remarks		
1	Fine Tuning code		25/10/2020	To ensure font generated is legible		
2	Data collection of lett	ers with maatras	25/10/2020			
Pla	n for Next Week					
#	Tasks		Date	Remarks		
1	Automating genera					

PESU Confidential Page 11 of 17



Pro	oject ID	PW21KS04				
Pro	oject Title	Style Consistent Ka	annada font generation			
Week Starting Date 26/10/2020 Week Ending Date				1/11/2020		
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633	
Act	ivities Completed					
#	Tasks		Date	Remark	s	
1	Data collection of le	etters with maatras	28/10/2020	Found a better source to download data can be automated to download glyphs of any language		
2	Fine Tuning code		28/10/2020			
In l	Progress					
#	Tasks		Date	Remark	s	
1	Writing script to randomly alter filters to generate new fonts automatically		1/11/2020	values as junk filters ne	an't have random s they generate eed to be slightly I versions of the filter	
Pla	n for Next Week		1	1		
#	Tasks		Date	Remark	s	
1	Writing script to do language from new	ownload data for any data source				

PESU Confidential Page 12 of 17



Project ID		PW21KS04	PW21KS04			
Project Title		Style Consistent Kannada font generation				
Week Starting Date		2/11/2020	Week Ending Date		8/11/2020	
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633	
Act	civities Completed					
#	Tasks		Date	Remarks		
1	Writing script to rate to generate new fo	andomly alter filters nts automatically	3/11/2020			
In l	Progress					
#	Tasks		Date	Remarks		
1		iting script to download data for any guage from new data source				
2	Training Neural Cellular Automata for letters with maatras		8/11/2020	Train on a small batch of letters to show proof of concept		
Pla	n for Next Week					
#	Tasks		Date	Remark	ss	
1	Generate new fonts and check for style consistency					

PESU Confidential Page 13 of 17



Project ID		PW21KS04			
Project Title		Style Consistent Kannada font generation			
Week Starting Date		9/11/2020	Week Ending Date 15		15/11/2020
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633
Act	tivities Completed				
#	Tasks		Date	Remarks	
1	Writing script to do language from new	wnload data for any data source	10/11/2020		
In l	Progress		1		
#	Tasks		Date	Remarks	
1	Training Neural Cellular Automata for letters with maatras		15/11/2020	Train on a small batch of letters to show proof of concept	
Pla	n for Next Week				
#	Tasks		Date	Remarks	
1	Generate new fonts consistency	and check for style			

PESU Confidential Page 14 of 17



Project ID		PW21KS04	PW21KS04			
Project Title		Style Consistent K	Style Consistent Kannada font generation			
Week Starting Date		16/11/2020	Week Ending Date 22/11/2		22/11/2020	
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633	
Act	tivities Completed					
#	Tasks		Date	Remarks		
1		Training Neural Cellular Automata for letters with maatras		Trained on a small batch of letters to show proof of concept		
In 1	Progress			-		
#	Tasks		Date	Remarks		
1	Generate new fonts and check for style consistency		22/11/2020			
Pla	n for Next Week		·			
#	Tasks		Date	Remark	xs .	
1	Preparing report a review	and ppt for final				

PESU Confidential Page 15 of 17



Project ID		PW21KS04			
Project Title		Style Consistent Kannada font generation			
Week Starting Date		23/11/2020	Week Ending Date 29/11/		29/11/2020
Name		Saahil B Jain Jeevana R Hegde	SRN		PES1201700241 PES1201700633
Act	ivities Completed				
#	Tasks		Date	Remarks	
1	Generate new fonts and check for style consistency		28/11/2020		
In I	Progress				
#	Tasks		Date	Remarks	
1	Preparing report and ppt for final review		29/11/2020		
Pla	n for Next Week				
#	Tasks		Date	Remarks	5
1	Preparing report a review	nd ppt for final			
2	Preparing research	paper			

PESU Confidential Page 16 of 17



Project ID Project Title Week Starting Date Name		PW21KS04	PW21KS04			
		Style Consistent Kannada font generation				
		30/11/2020	Week Ending Date	6/12/2020		
		Saahil B Jain Jeevana R Hegde	e SRN		PES1201700241 PES1201700633	
Act	civities Completed					
#	Tasks		Date	Remarks		
1	Preparing report a review	Preparing report and ppt for final review				
2	Preparing researc	h paper	5/12/2020			
In l	Progress		-			
#	Tasks	Tasks		Remarks		
1	Literature survey on style transfer					
Pla	n for Next Week			1		
#	Tasks		Date	Remark	S	
1	Literature survey font generation	on parameterized				

Signature of Project Guide

Signature of Project Coordinator Signature of Chairperson

With Name

PESU Confidential Page 17 of 17